

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063744.D
 Acq On : 30 Sep 2020 12:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Quant Time: Oct 01 02:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	292228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222848	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	209331	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
35) Dibromofluoromethane	7.55	113	143358	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
50) Toluene-d8	10.06	98	547307	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
62) 4-Bromofluorobenzene	12.38	95	211215	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	142089	46.080	ug/l	100
3) Chloromethane	2.04	50	157869	43.634	ug/l	99
4) Vinyl Chloride	2.16	62	162464	44.734	ug/l	98
5) Bromomethane	2.52	94	105642	46.245	ug/l	99
6) Chloroethane	2.67	64	101057	46.566	ug/l	97
7) Trichlorofluoromethane	2.98	101	269641	46.813	ug/l	99
8) Diethyl Ether	3.37	74	92771	47.624	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	145713	47.331	ug/l	98
10) Methyl Iodide	3.91	142	171609	48.008	ug/l	100
11) Tert butyl alcohol	4.73	59	139391	261.519	ug/l	100
12) 1,1-Dichloroethene	3.70	96	134112	45.575	ug/l	98
13) Acrolein	3.56	56	78635	240.379	ug/l	96
14) Allyl chloride	4.27	41	261144	47.768	ug/l	98
15) Acrylonitrile	4.93	53	367296	240.740	ug/l	100
16) Acetone	3.77	43	359454	241.868	ug/l	100
17) Carbon Disulfide	4.01	76	377914	47.550	ug/l	100
18) Methyl Acetate	4.28	43	180107	46.676	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	512738	47.960	ug/l	99
20) Methylene Chloride	4.50	84	162537	47.753	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	153694	46.629	ug/l	99
22) Diisopropyl ether	5.90	45	547440	48.671	ug/l	98
23) Vinyl Acetate	5.84	43	2325375	249.577	ug/l	100
24) 1,1-Dichloroethane	5.80	63	299443	46.561	ug/l	99
25) 2-Butanone	6.78	43	529484	251.297	ug/l	100
26) 2,2-Dichloropropane	6.77	77	281212	47.748	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178922	47.199	ug/l	97
28) Bromochloromethane	7.15	49	148634	46.761	ug/l	99
29) Tetrahydrofuran	7.16	42	346770	245.388	ug/l	99
30) Chloroform	7.33	83	320183	47.748	ug/l	97
31) Cyclohexane	7.61	56	255355	45.560	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	293602	48.542	ug/l	99
36) 1,1-Dichloropropene	7.75	75	235281	49.691	ug/l	99
37) Ethyl Acetate	6.88	43	222525	47.303	ug/l	99
38) Carbon Tetrachloride	7.73	117	257344	48.469	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063744.D
 Acq On : 30 Sep 2020 12:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Quant Time: Oct 01 02:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245699	52.035	ug/l	98
40) Benzene	8.00	78	661828	48.937	ug/l	99
41) Methacrylonitrile	7.12	41	85561	40.924	ug/l #	75
42) 1,2-Dichloroethane	8.08	62	281762	48.807	ug/l	100
43) Isopropyl Acetate	8.13	43	391112	50.405	ug/l	99
44) Trichloroethene	8.80	130	172605	48.710	ug/l	95
45) 1,2-Dichloropropane	9.08	63	178683	48.922	ug/l	99
46) Dibromomethane	9.17	93	122394	48.576	ug/l	99
47) Bromodichloromethane	9.37	83	265587	51.145	ug/l	99
48) Methyl methacrylate	9.16	41	197001	51.388	ug/l	97
49) 1,4-Dioxane	9.16	88	57234	1050.467	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1170463	257.043	ug/l	100
52) Toluene	10.13	92	420667	50.288	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	285898	51.361	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	296235	50.887	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	167827	50.027	ug/l	98
56) Ethyl methacrylate	10.40	69	252881	53.180	ug/l	99
57) 1,3-Dichloropropane	10.68	76	287641	50.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	669573	263.239	ug/l	100
59) 2-Hexanone	10.72	43	883056	261.053	ug/l	99
60) Dibromochloromethane	10.87	129	194901	49.887	ug/l	99
61) 1,2-Dibromoethane	10.98	107	174700	50.909	ug/l	99
64) Tetrachloroethene	10.60	164	155913	44.878	ug/l	99
65) Chlorobenzene	11.41	112	446188	48.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	173592	49.157	ug/l	99
67) Ethyl Benzene	11.49	91	843973	50.353	ug/l	99
68) m/p-Xylenes	11.59	106	626835	100.344	ug/l	98
69) o-Xylene	11.92	106	299098	51.226	ug/l	100
70) Styrene	11.94	104	513900	51.851	ug/l	99
71) Bromoform	12.10	173	132667	49.121	ug/l #	98
73) Isopropylbenzene	12.23	105	817927	50.320	ug/l	100
74) N-amyl acetate	12.05	43	366157	48.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240777	48.442	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	337490	68.701	ug/l #	100
77) Bromobenzene	12.50	156	195721	49.072	ug/l	98
78) n-propylbenzene	12.57	91	954093	50.436	ug/l	100
79) 2-Chlorotoluene	12.65	91	567726	48.798	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	699886	51.324	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87979	51.582	ug/l	98
82) 4-Chlorotoluene	12.75	91	604926	50.087	ug/l	99
83) tert-Butylbenzene	12.97	119	561527	50.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	715722	52.569	ug/l	99
85) sec-Butylbenzene	13.15	105	754584	51.505	ug/l	100
86) p-Isopropyltoluene	13.26	119	678308	52.335	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	355907	49.325	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	362255	48.218	ug/l	100
89) n-Butylbenzene	13.59	91	615076	51.418	ug/l	100
90) Hexachloroethane	13.85	117	126913	50.533	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	348452	48.756	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55259	47.406	ug/l	95

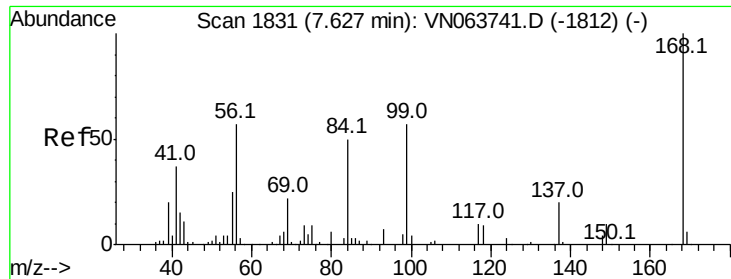
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
Data File : VN063744.D
Acq On : 30 Sep 2020 12:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Quant Time: Oct 01 02:12:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192099	49.451	ug/l	98
94) Hexachlorobutadiene	14.98	225	100690	51.959	ug/l	99
95) Naphthalene	15.10	128	572894	47.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	182918	48.576	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

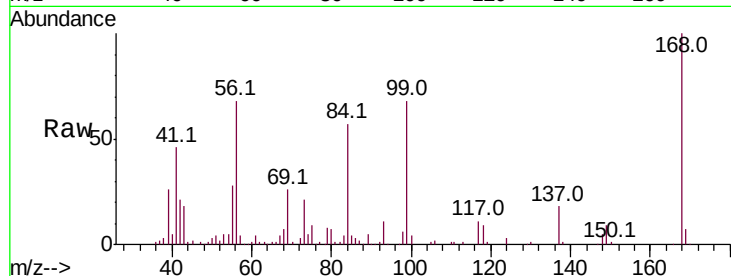
ICVVN093020

Tot Ion:168 Resp: 292228

Ion Ratio Lower Upper

168 100

99 68.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

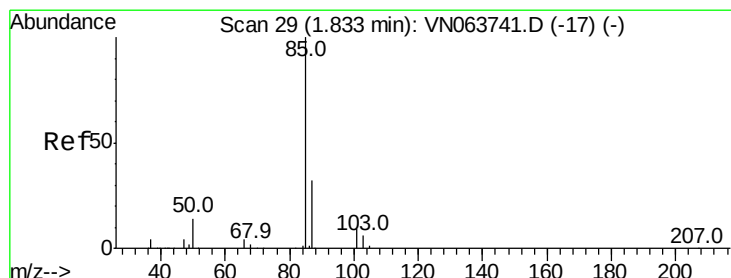
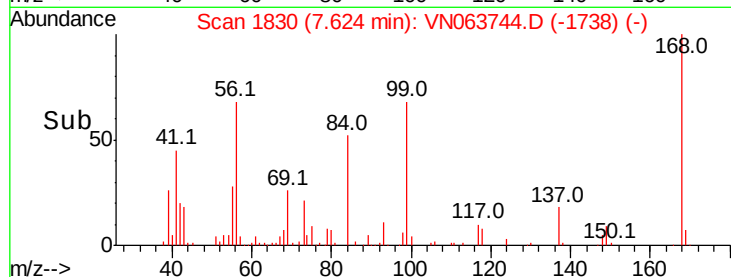
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.080 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063744.D

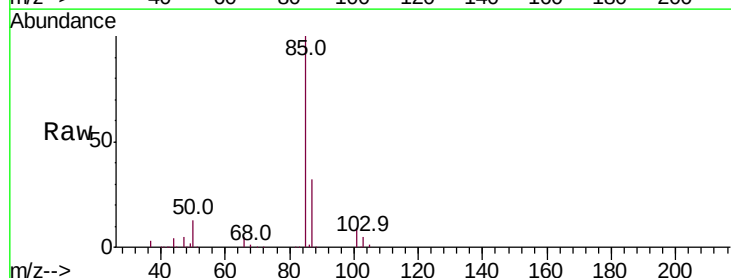
Acq: 30 Sep 2020 12:50

Tgt Ion: 85 Resp: 142089

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

120000

100000

80000

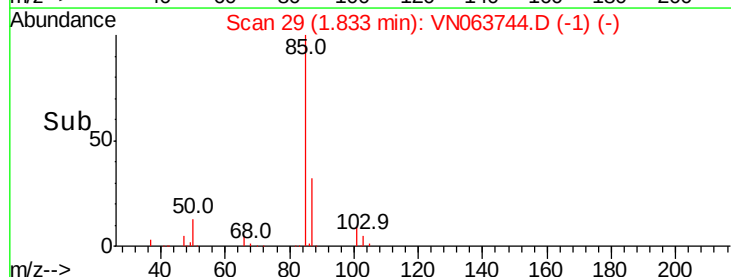
60000

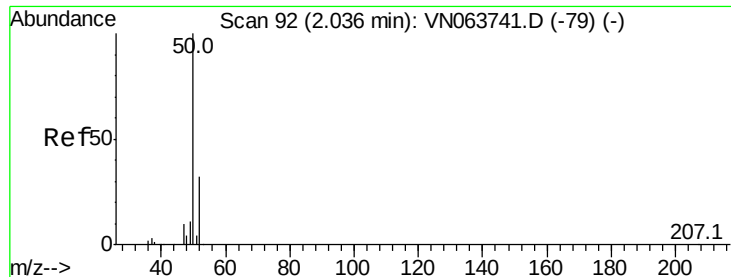
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 43.634 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

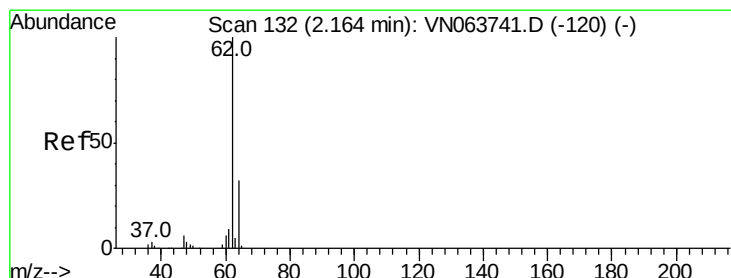
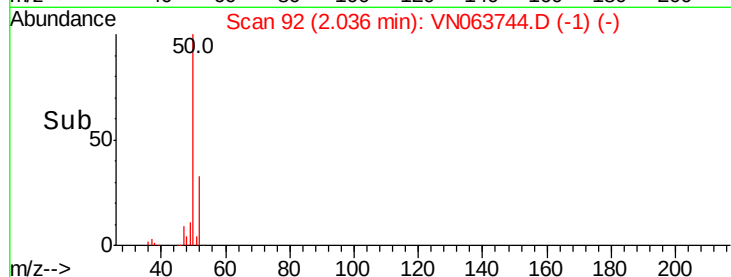
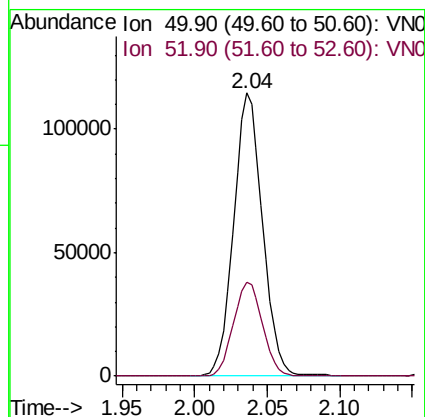
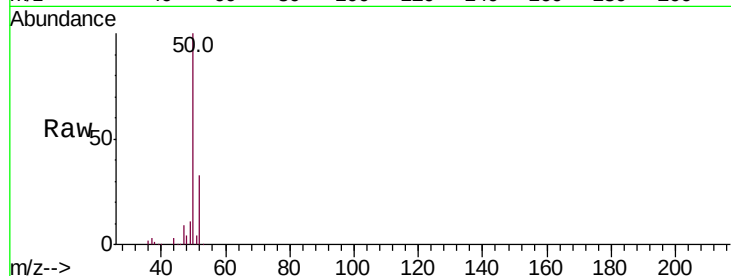
ICVVN093020

Tot Ion: 50 Resp: 157869

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 44.734 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063744.D

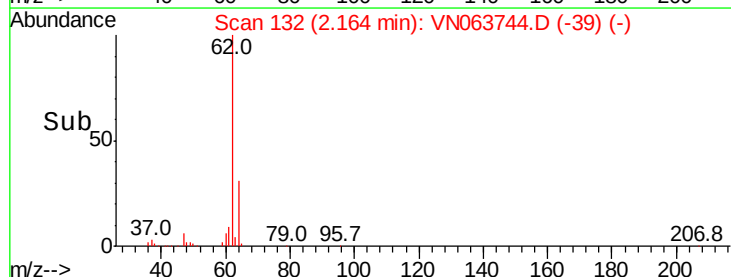
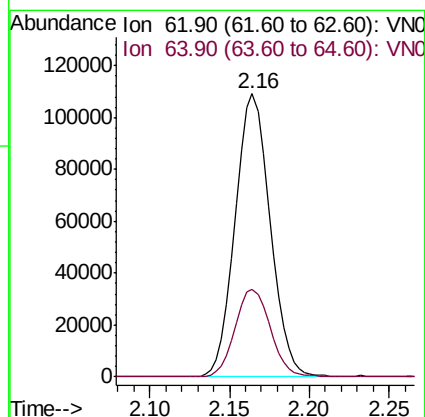
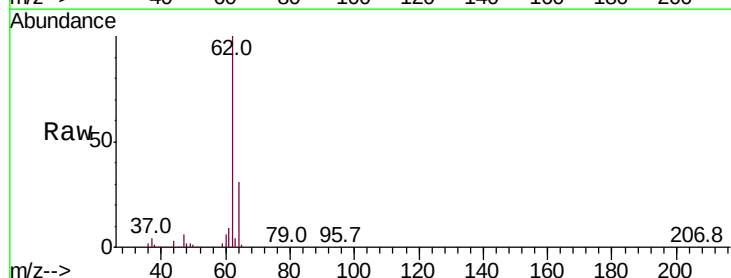
Acq: 30 Sep 2020 12:50

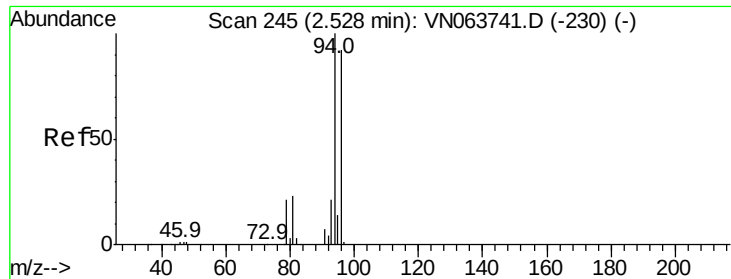
Tgt Ion: 62 Resp: 162464

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 46.245 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

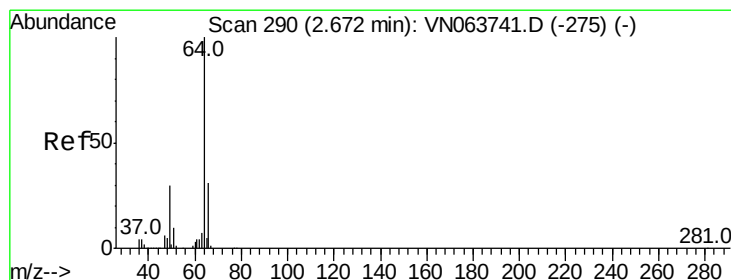
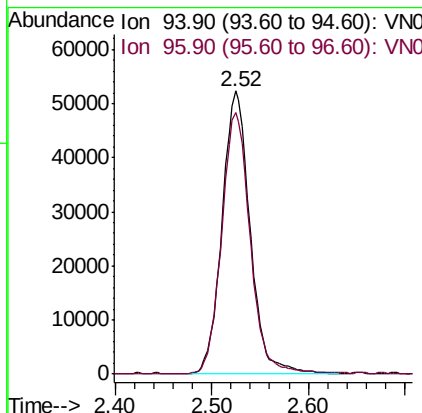
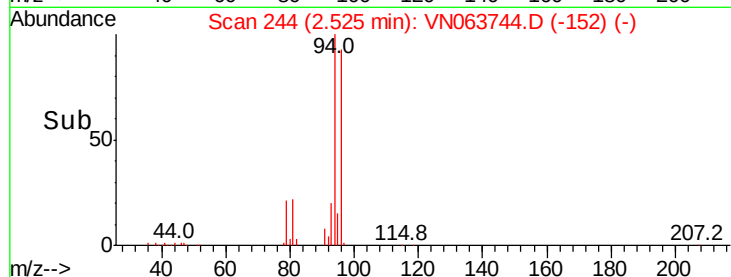
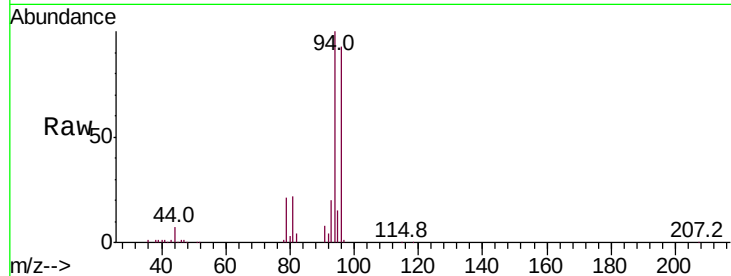
ICVVN093020

Tot Ion: 94 Resp: 105642

Ion Ratio Lower Upper

94 100

96 92.3 73.3 109.9



#6

Chloroethane

Concen: 46.566 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063744.D

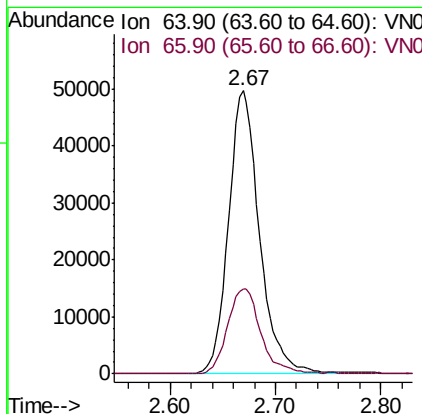
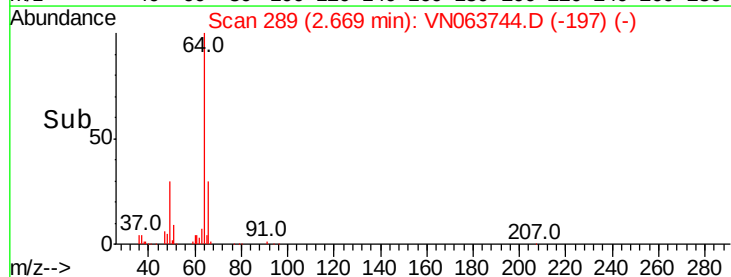
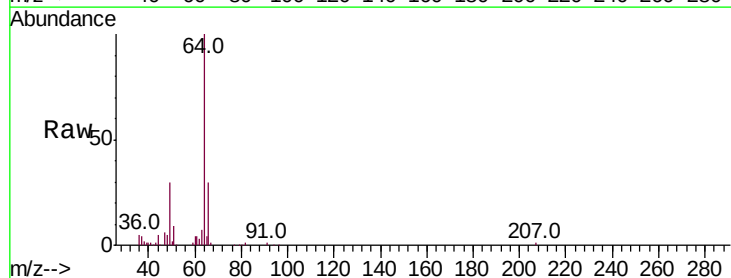
Acq: 30 Sep 2020 12:50

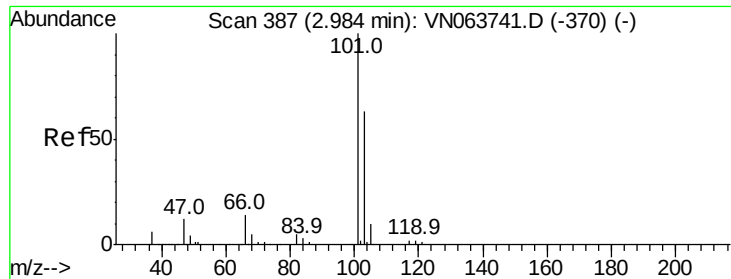
Tgt Ion: 64 Resp: 101057

Ion Ratio Lower Upper

64 100

66 29.9 25.1 37.7



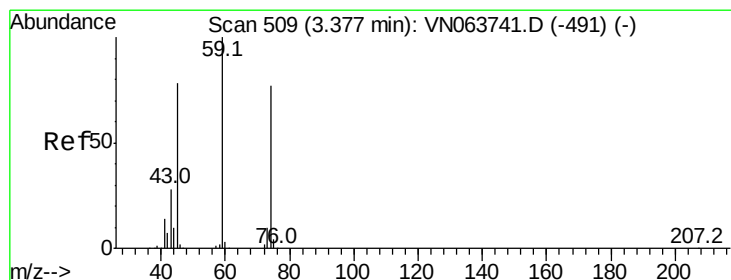
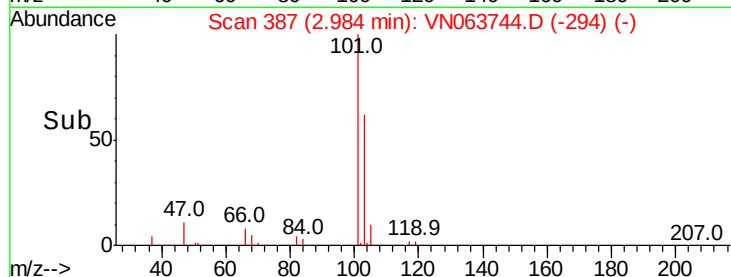
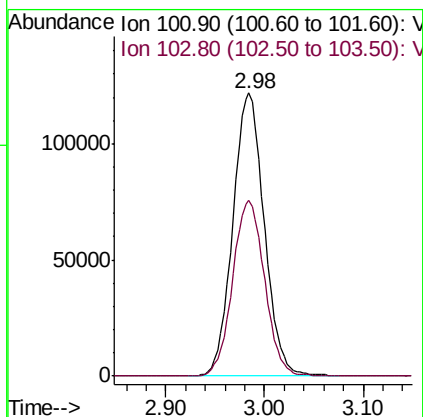
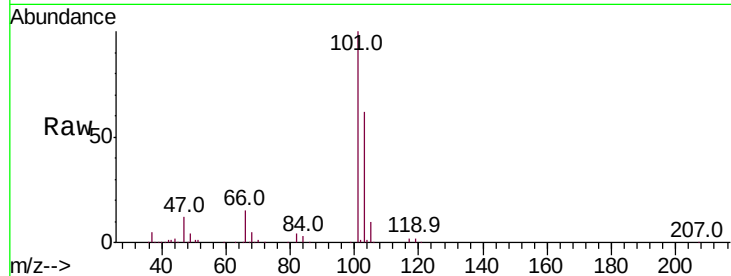


#7

Trichlorofluoromethane
 Concen: 46.813 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN093020

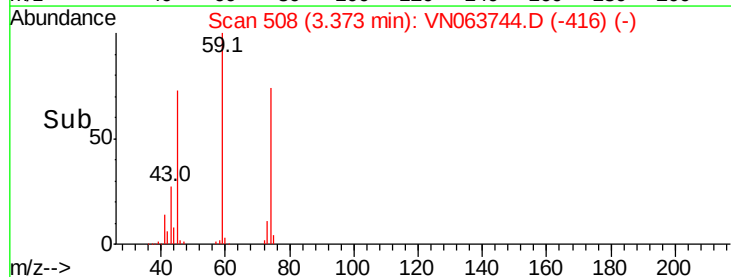
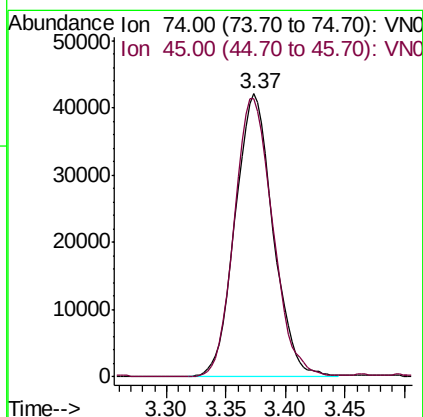
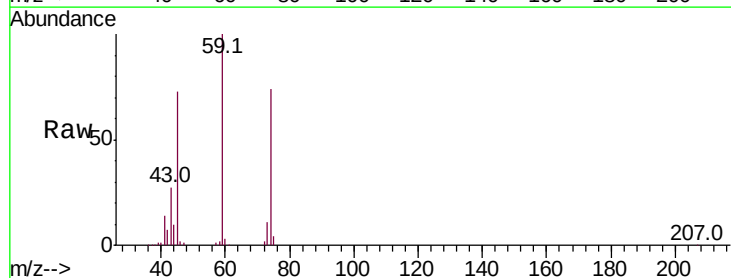
Tot Ion:101 Resp: 269641
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.7 76.1

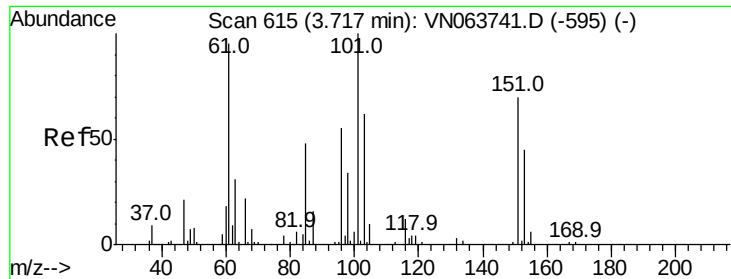


#8

Diethyl Ether
 Concen: 47.624 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 74 Resp: 92771
 Ion Ratio Lower Upper
 74 100
 45 100.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.331 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

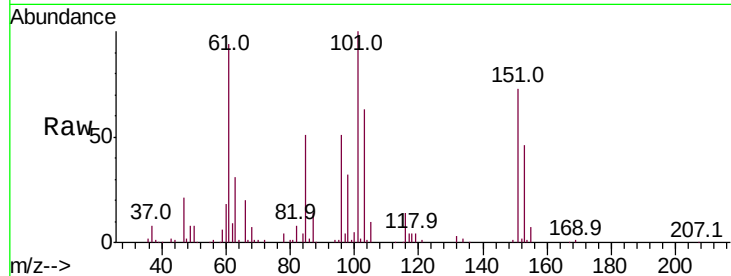
Tot Ion:101 Resp: 145713

Ion Ratio Lower Upper

101 100

85 49.6 38.6 58.0

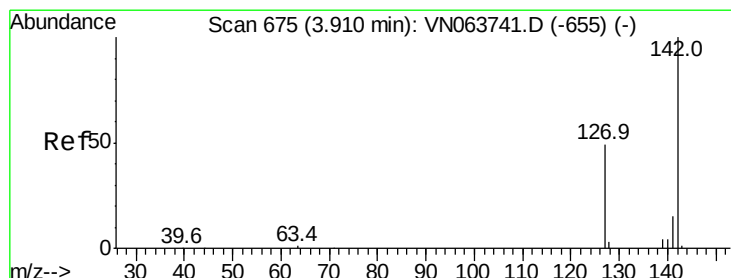
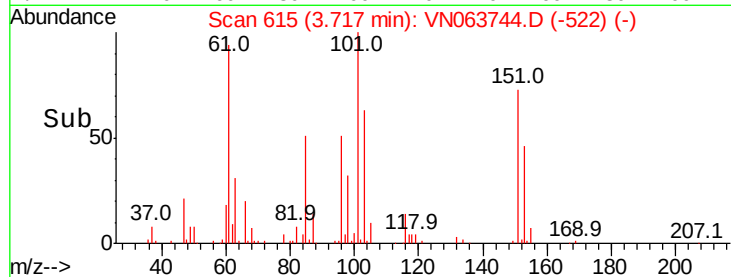
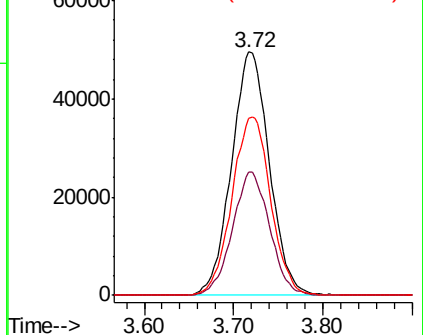
151 74.9 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.008 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

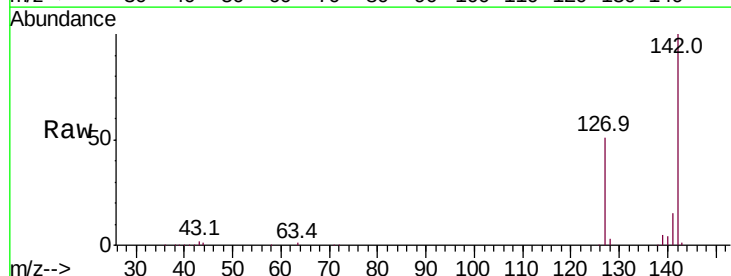
Tgt Ion:142 Resp: 171609

Ion Ratio Lower Upper

142 100

127 50.8 40.5 60.7

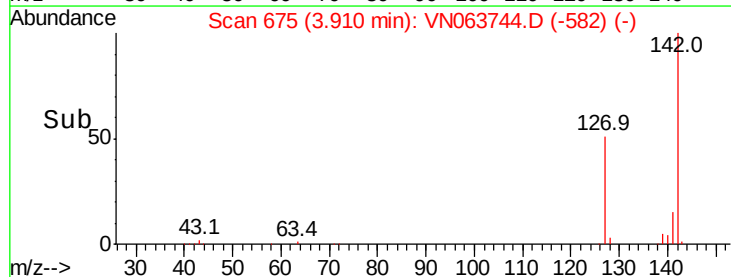
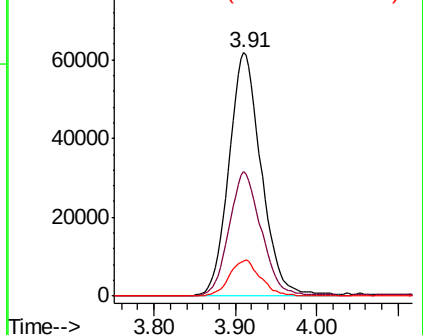
141 14.3 11.7 17.5

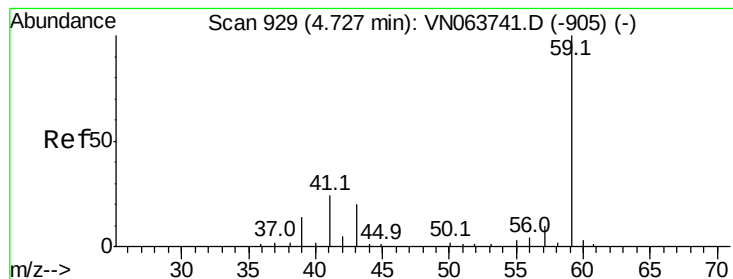


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



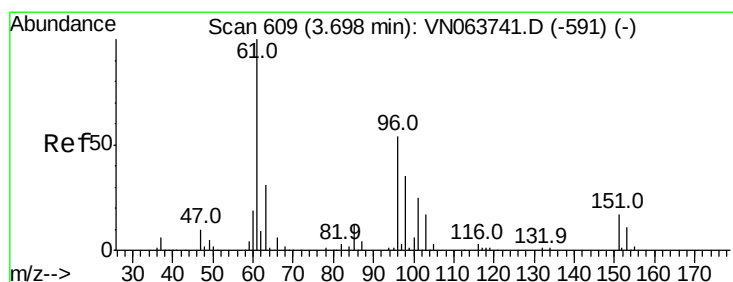
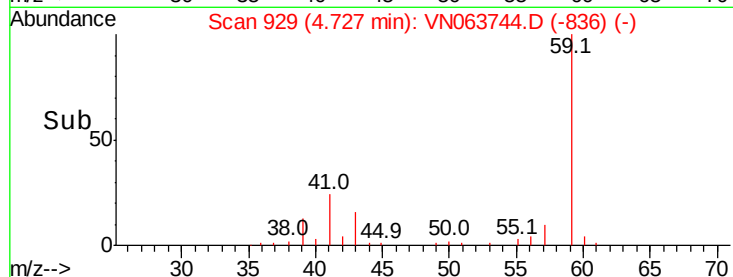
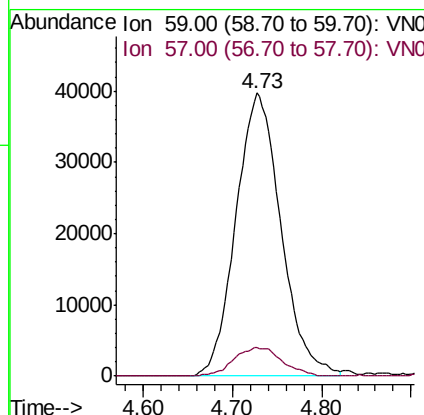
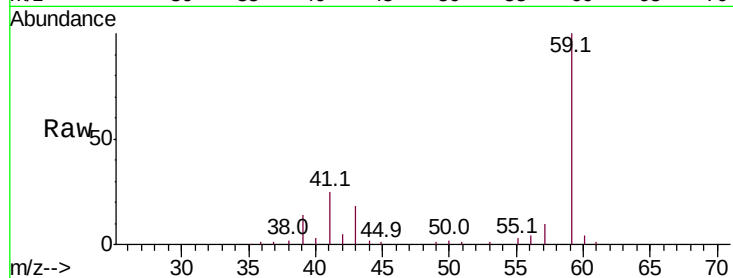


#11

Tert butyl alcohol
 Concen: 261.519 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

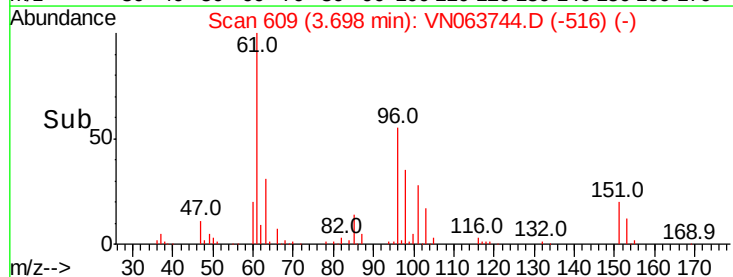
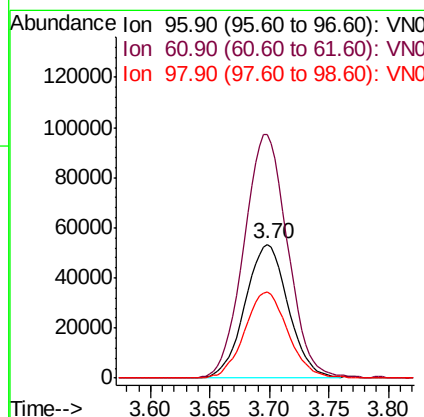
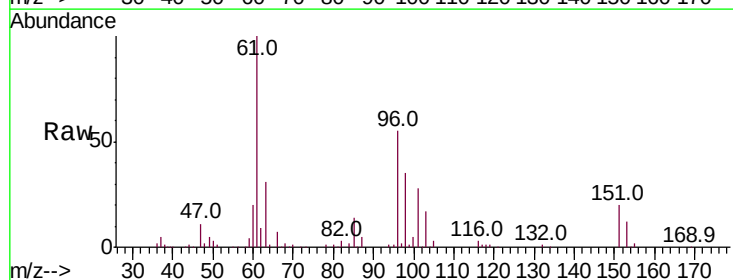
Tot Ion: 59 Resp: 139391
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.7 13.1

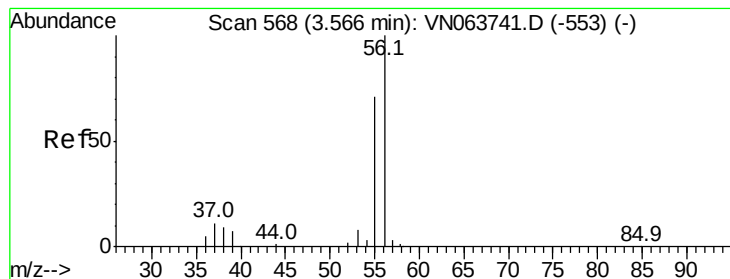


#12

1,1-Dichloroethene
 Concen: 45.575 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 96 Resp: 134112
 Ion Ratio Lower Upper
 96 100
 61 181.7 147.7 221.5
 98 64.5 51.9 77.9





#13

Acrolein

Concen: 240.379 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

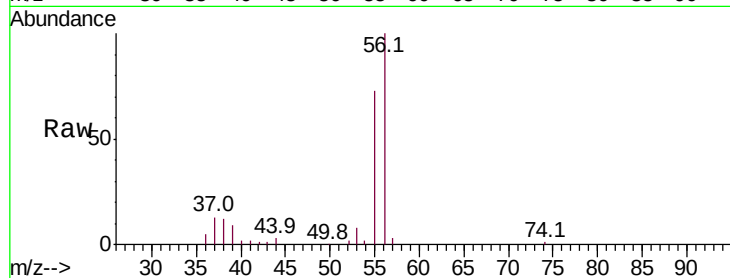
ICVVN093020

Tot Ion: 56 Resp: 78635

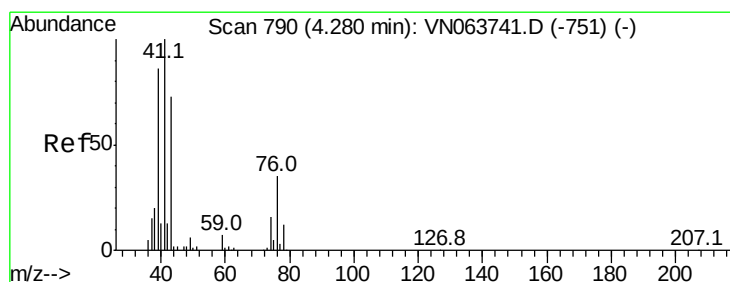
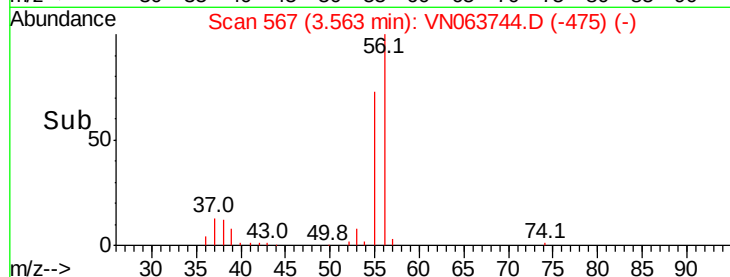
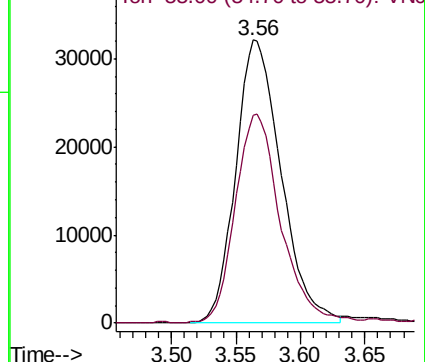
Ion Ratio Lower Upper

56 100

55 74.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 47.768 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

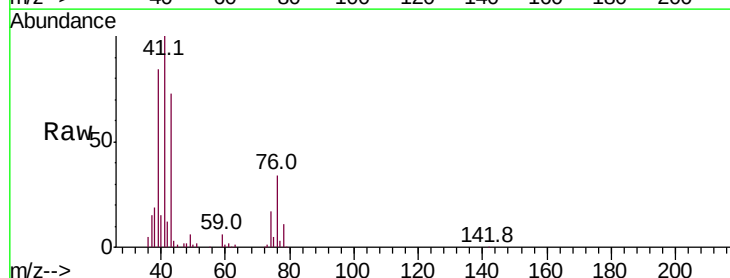
Tgt Ion: 41 Resp: 261144

Ion Ratio Lower Upper

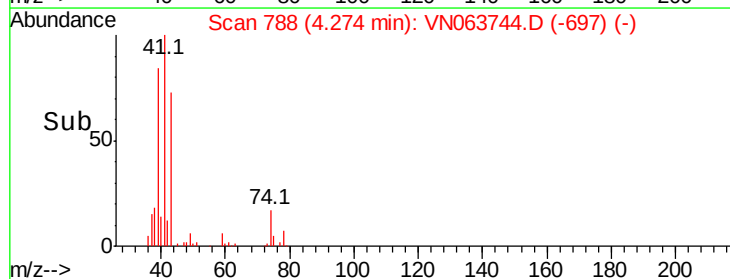
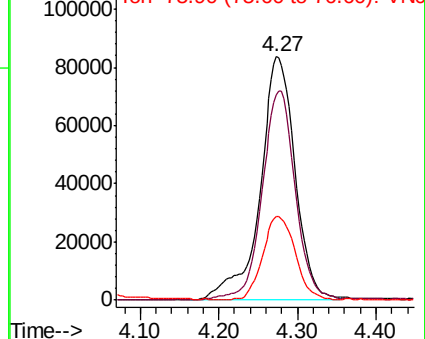
41 100

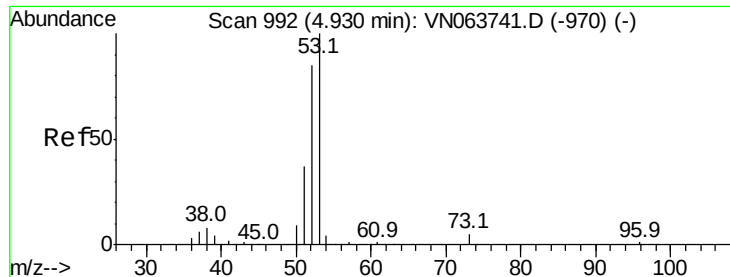
39 82.0 64.5 96.7

76 31.5 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 240.740 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

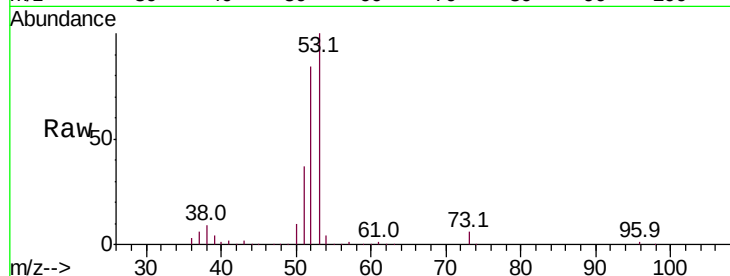
MSVOA_N

ClientSampleId :

ICVVN093020

Tot Ion: 53 Resp: 367296

Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	37.7	29.9	44.9

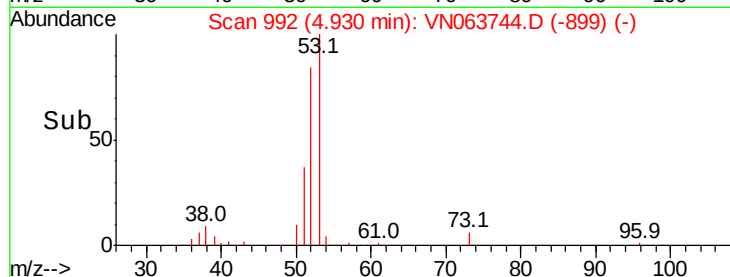


Abundance

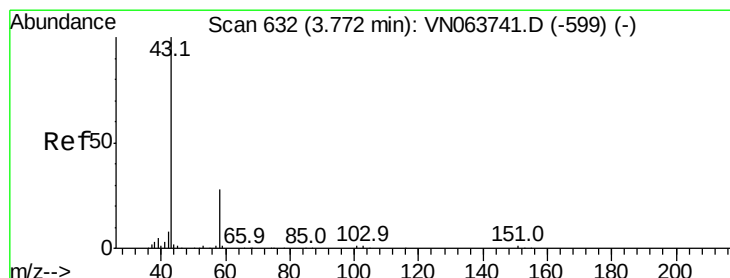
Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



4.93



#16

Acetone

Concen: 241.868 ug/l

RT: 3.77 min Scan# 632

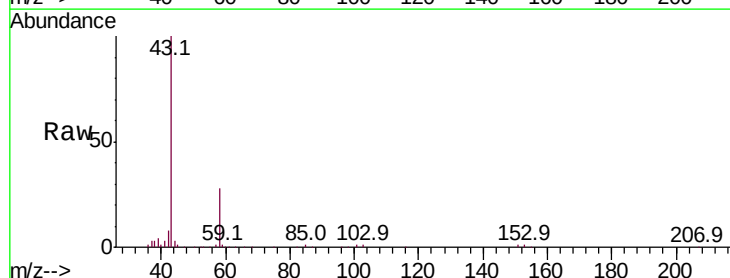
Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion: 43 Resp: 359454

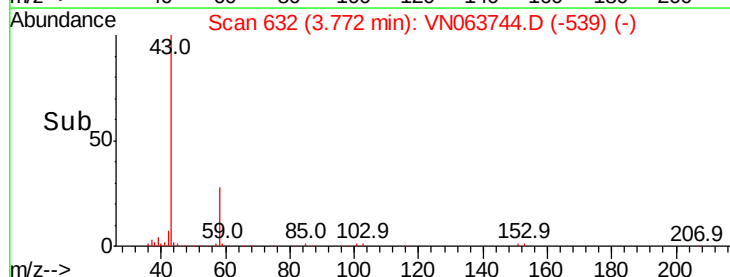
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.3	33.5



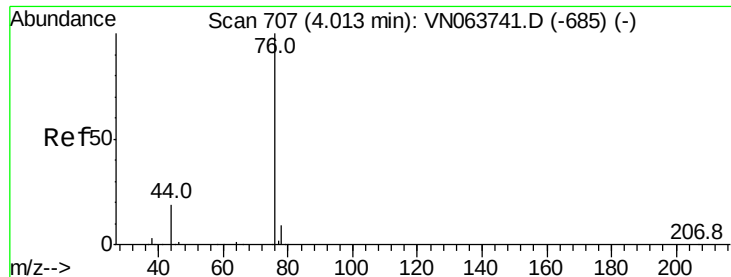
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



3.77



#17

Carbon Disulfide

Concen: 47.550 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

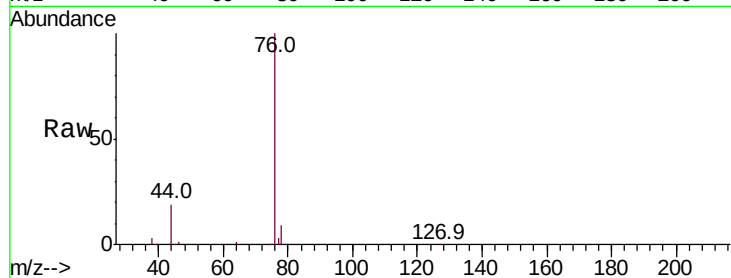
ICVFN093020

Tot Ion: 76 Resp: 377914

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

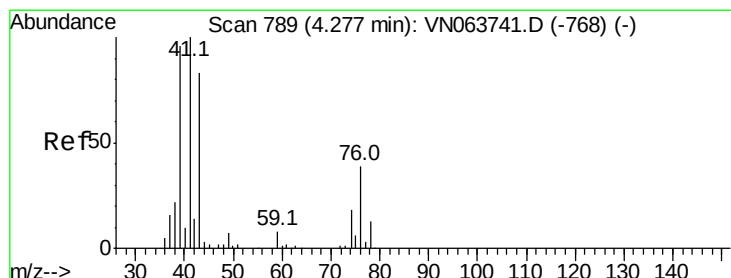
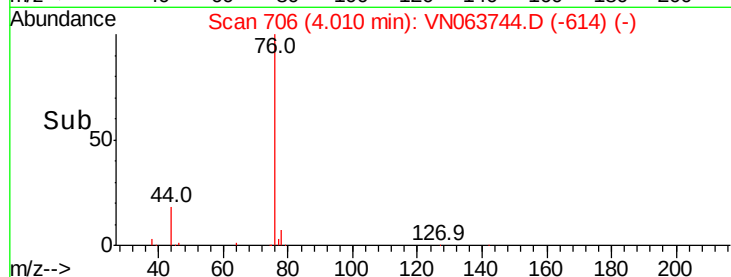
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.676 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063744.D

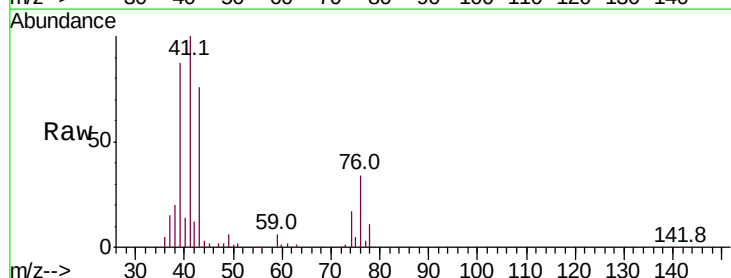
Acq: 30 Sep 2020 12:50

Tgt Ion: 43 Resp: 180107

Ion Ratio Lower Upper

43 100

74 22.8 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.28

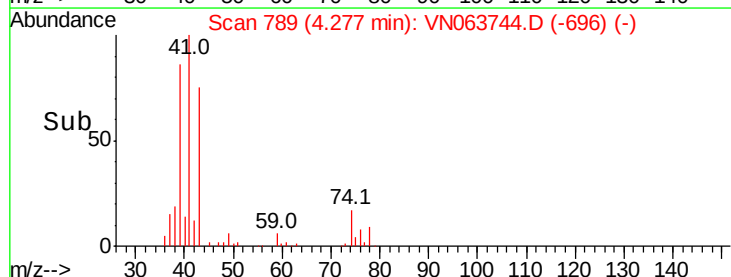
60000

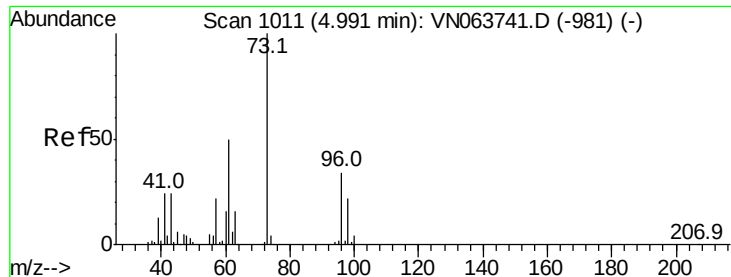
40000

20000

0

Time-->

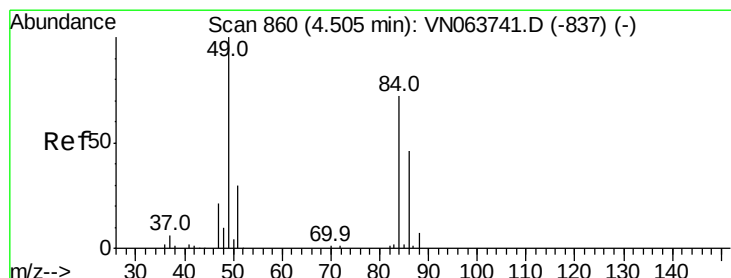
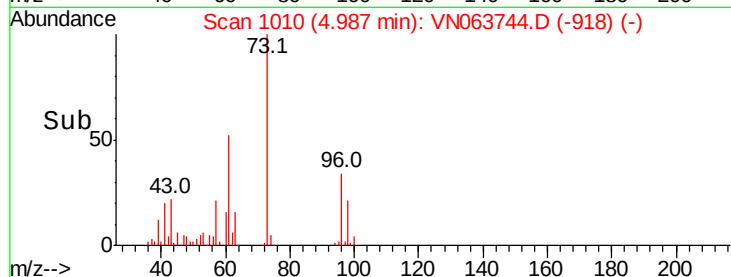
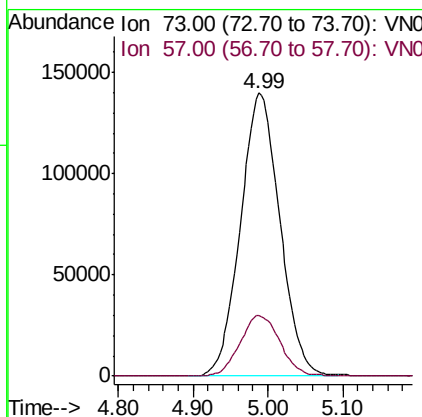
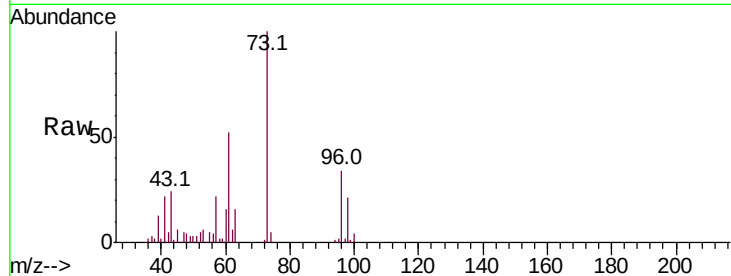




#19
Methvl tert-butvl Ether
Concen: 47.960 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

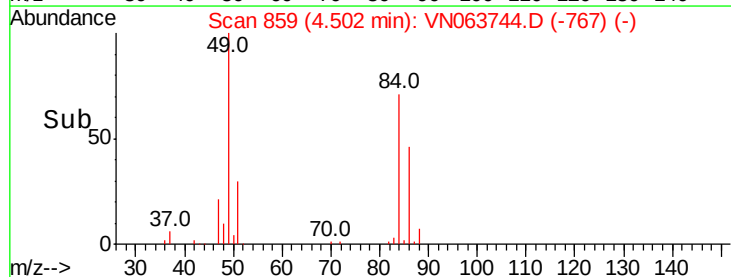
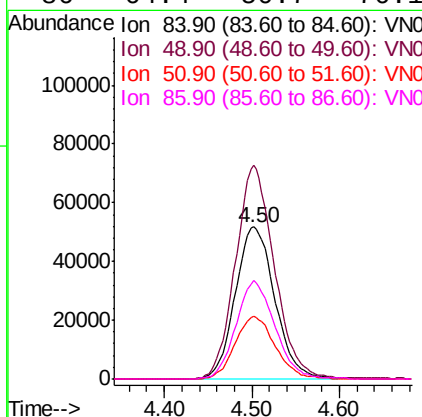
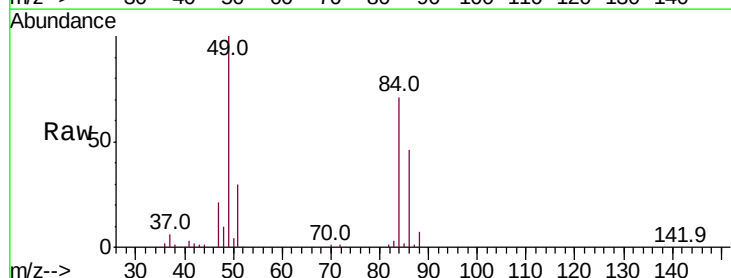
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

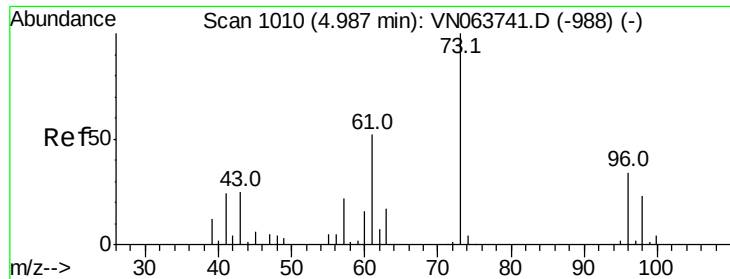
Tot Ion: 73 Resp: 512738
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4



#20
Methylene Chloride
Concen: 47.753 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 84 Resp: 162537
Ion Ratio Lower Upper
84 100
49 140.3 110.4 165.6
51 41.5 33.3 49.9
86 64.4 50.7 76.1

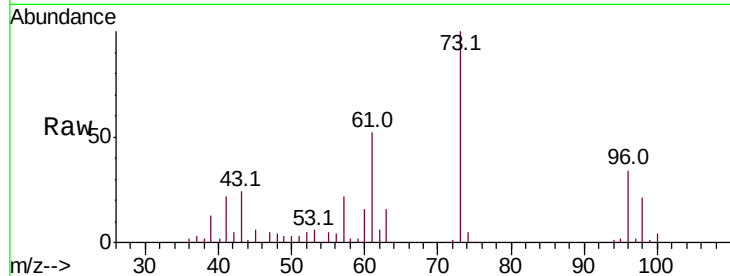




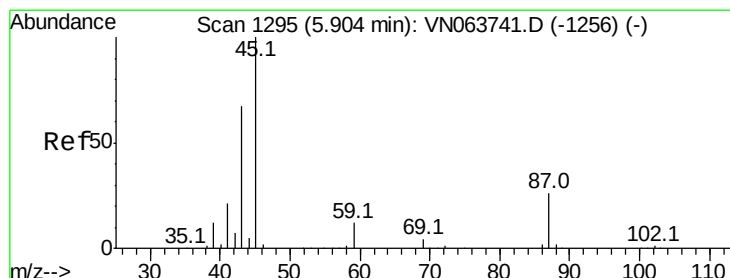
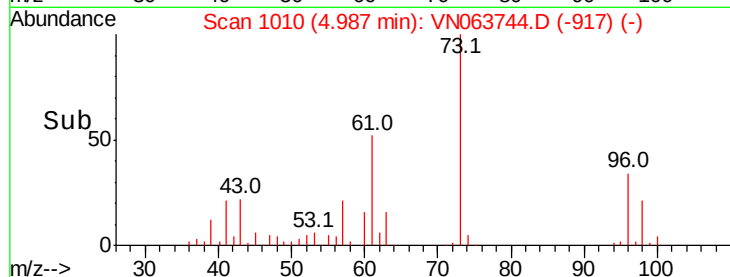
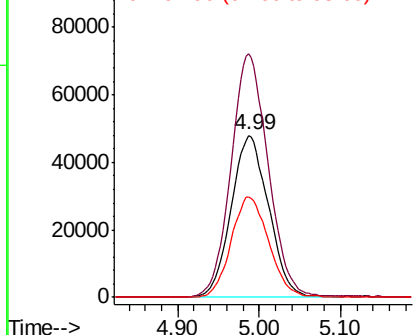
#21
trans-1,2-Dichloroethene
Concen: 46.629 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVFN093020

Tot Ion: 96 Resp: 153694
Ion Ratio Lower Upper
96 100
61 150.2 120.2 180.2
98 61.9 52.6 79.0

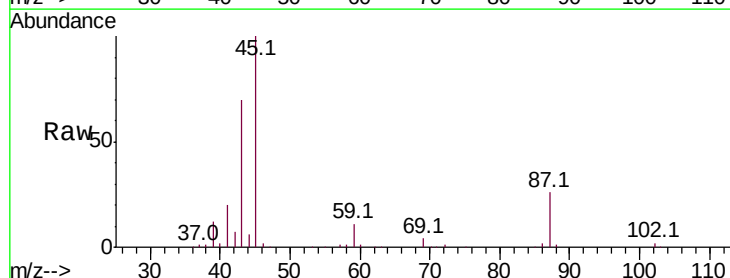


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

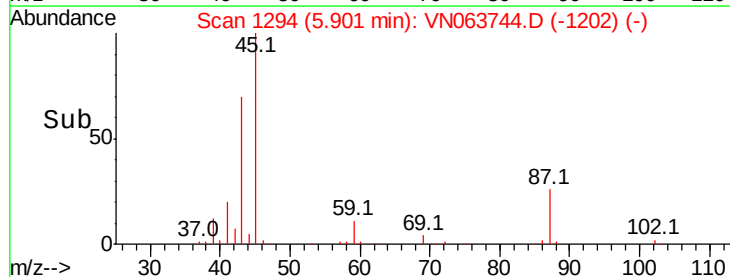
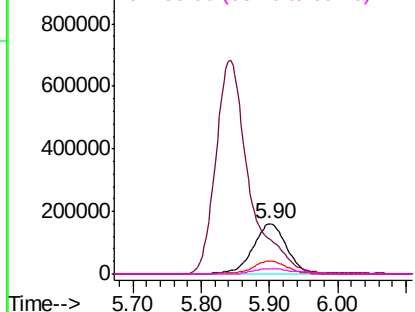


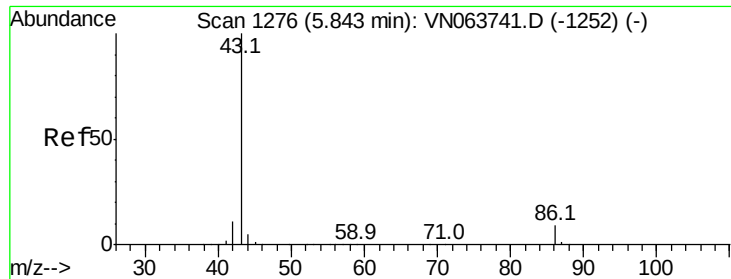
#22
Diisopropyl ether
Concen: 48.671 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 45 Resp: 547440
Ion Ratio Lower Upper
45 100
43 68.5 53.7 80.5
87 25.9 21.1 31.7
59 10.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 249.577 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

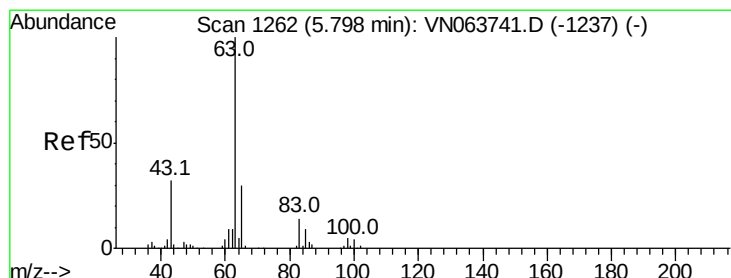
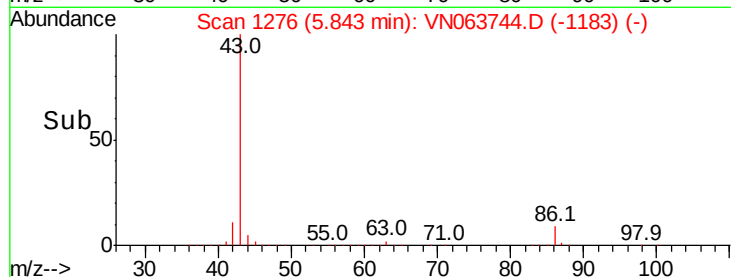
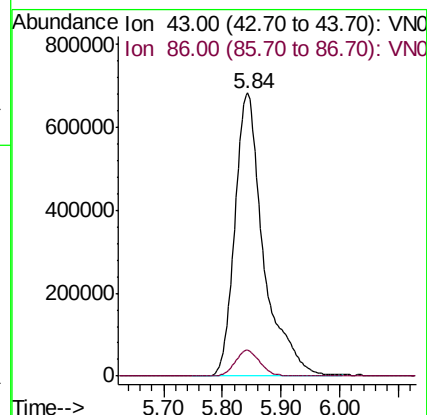
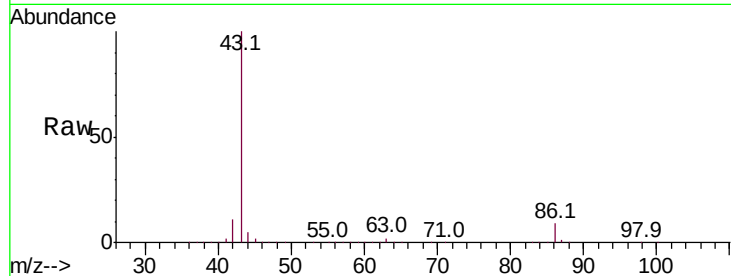
ICVVN093020

Tot Ion: 43 Resp: 2325375

Ion Ratio Lower Upper

43 100

86 9.1 7.3 10.9



#24

1,1-Dichloroethane

Concen: 46.561 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

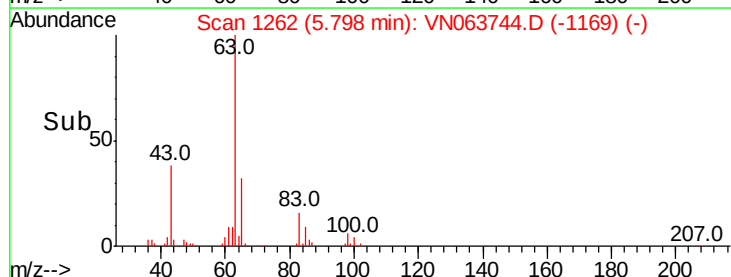
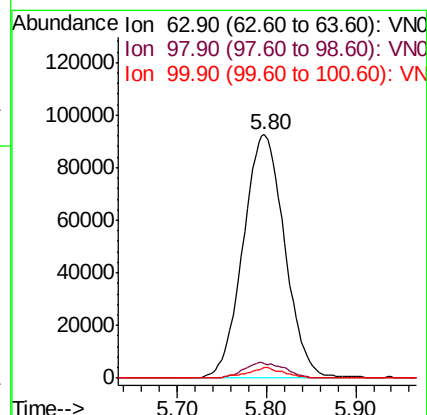
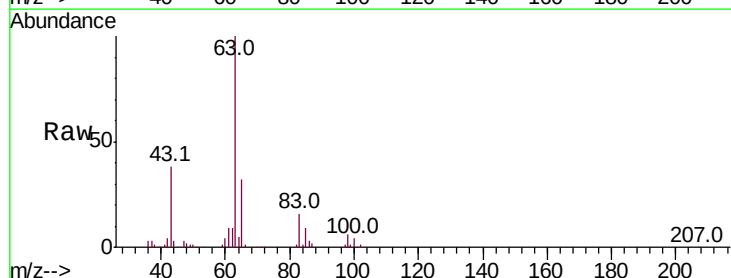
Tgt Ion: 63 Resp: 299443

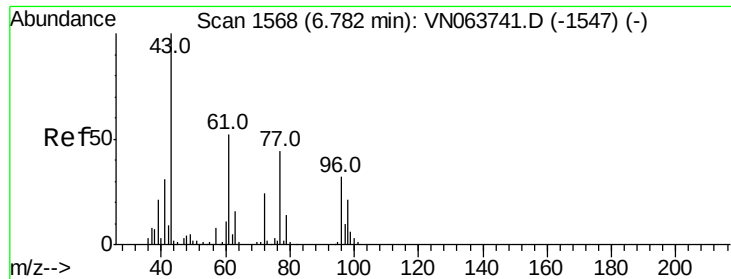
Ion Ratio Lower Upper

63 100

98 5.9 2.7 8.1

100 4.1 1.9 5.7

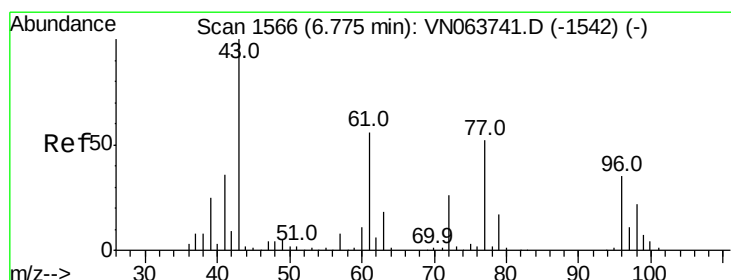
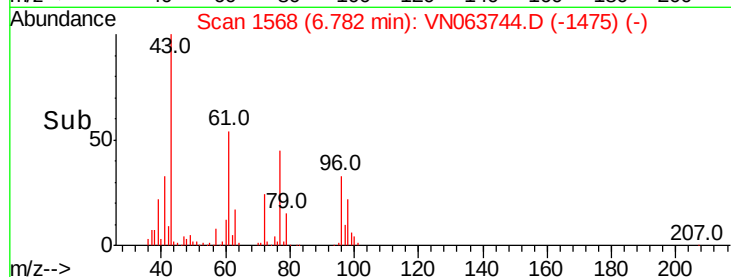
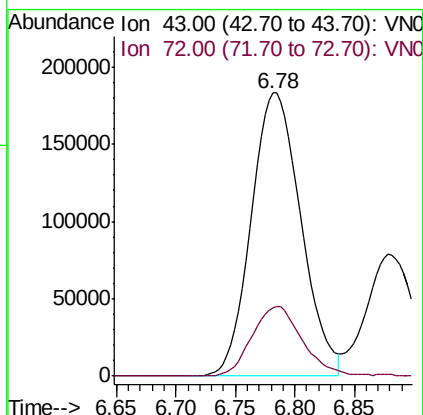
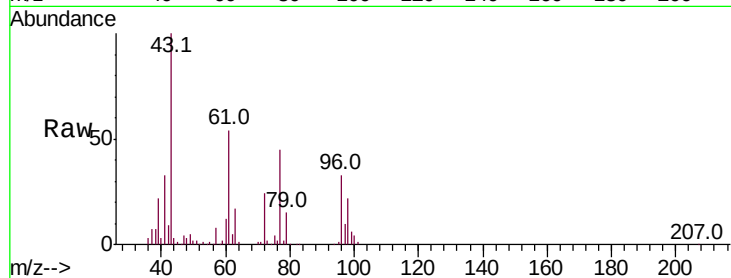




#25
2-Butanone
Concen: 251.297 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

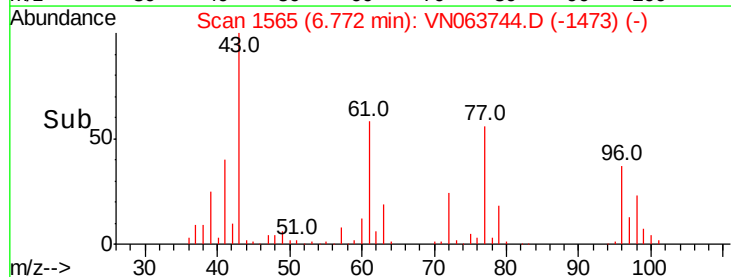
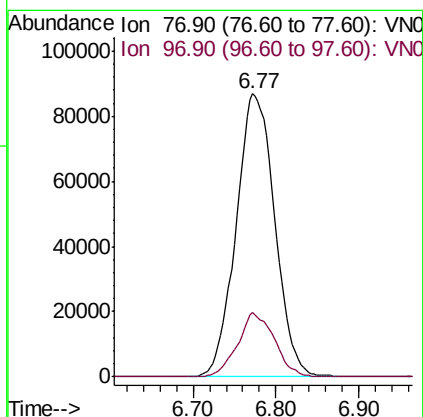
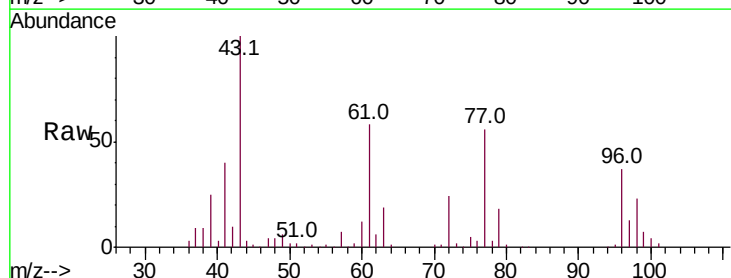
Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

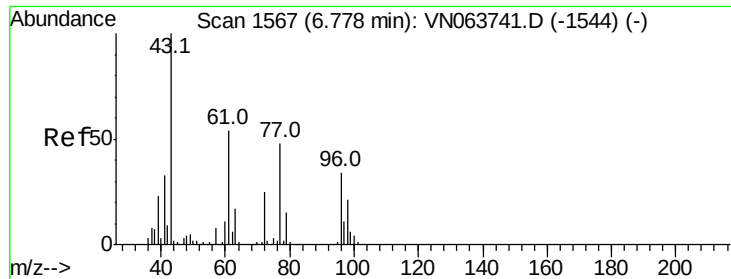
Tot Ion: 43 Resp: 529484
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9



#26
2,2-Dichloropropane
Concen: 47.748 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 77 Resp: 281212
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.199 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

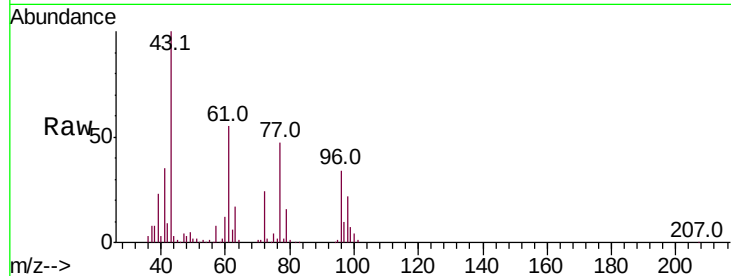
Tot Ion: 96 Resp: 178922

Ion Ratio Lower Upper

96 100

61 164.5 0.0 321.2

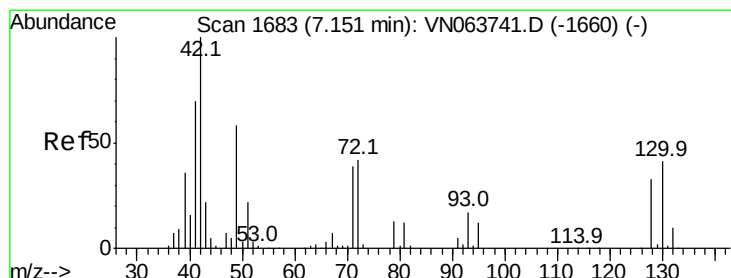
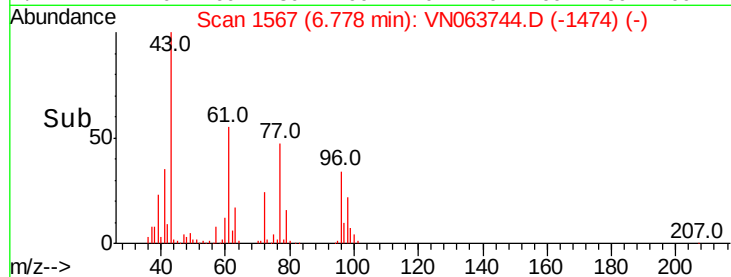
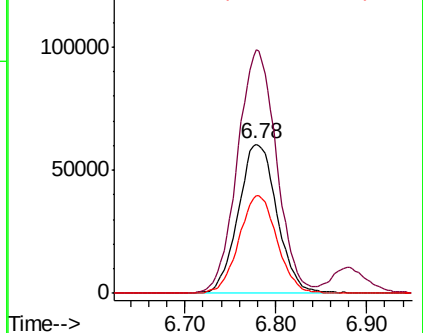
98 64.5 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 46.761 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

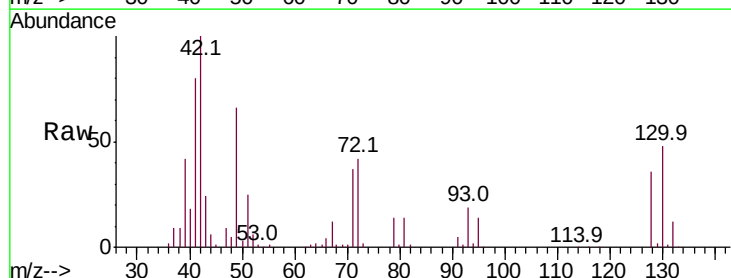
Tgt Ion: 49 Resp: 148634

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.8

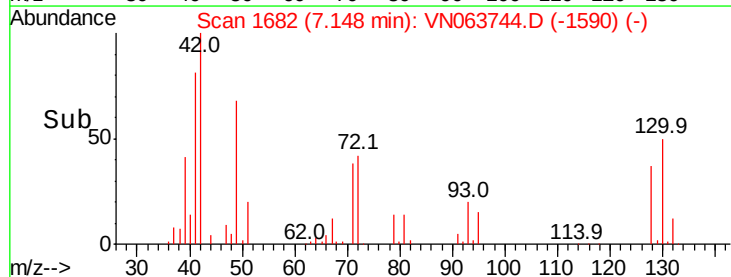
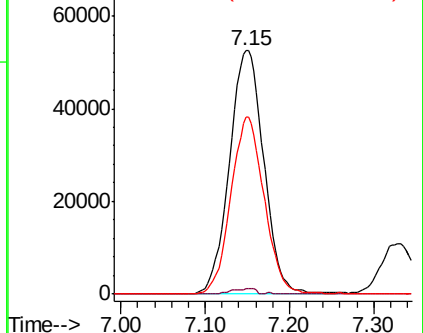
130 70.5 55.6 83.4

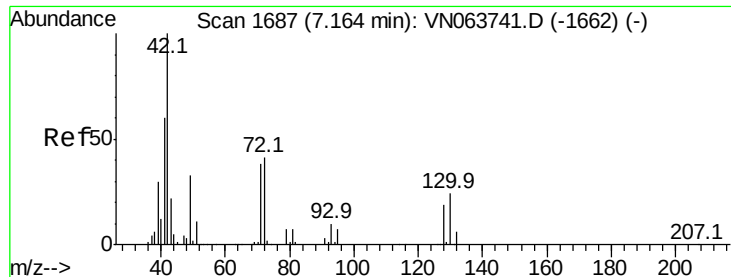


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 245.388 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

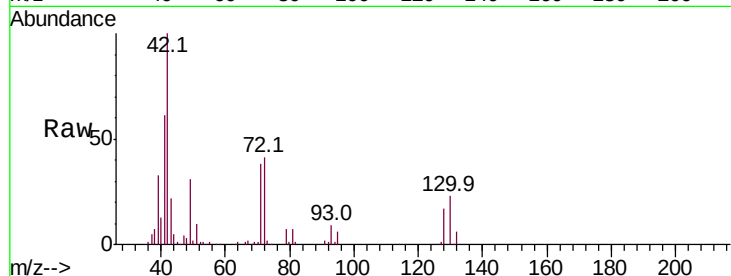
Tot Ion: 42 Resp: 346770

Ion Ratio Lower Upper

42 100

72 41.1 32.8 49.2

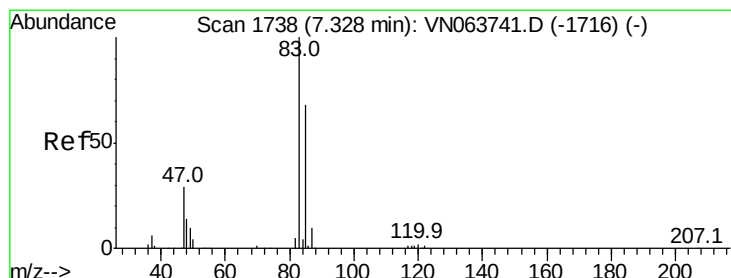
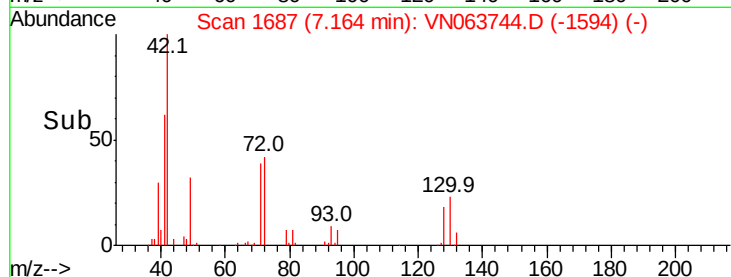
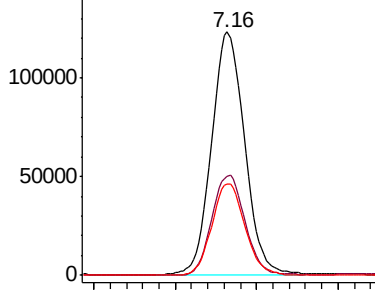
71 37.3 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.748 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063744.D

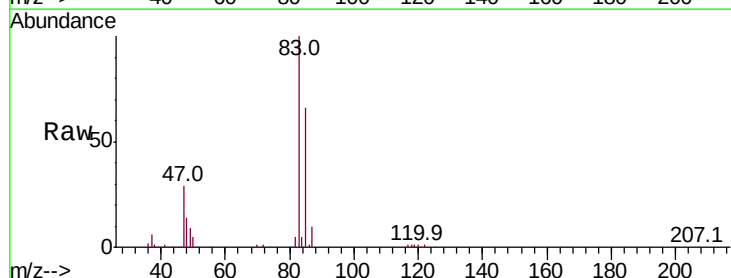
Acq: 30 Sep 2020 12:50

Tgt Ion: 83 Resp: 320183

Ion Ratio Lower Upper

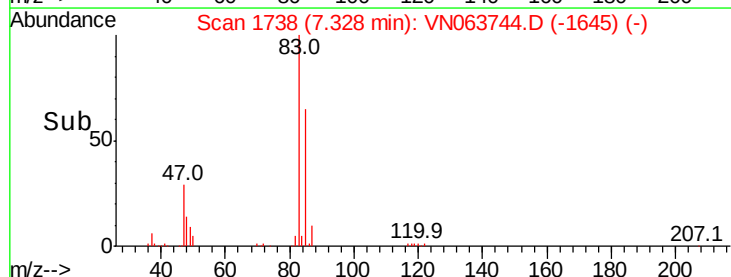
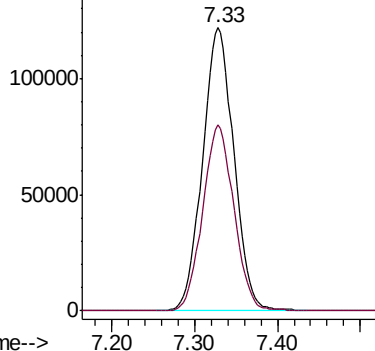
83 100

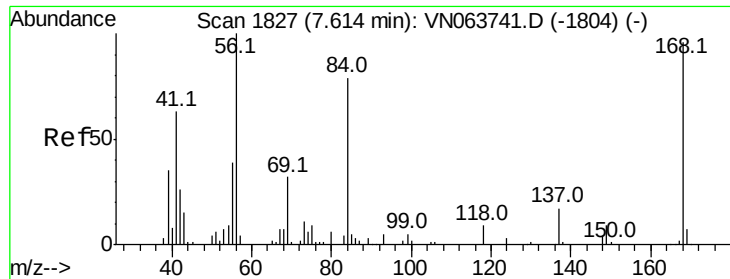
85 65.7 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

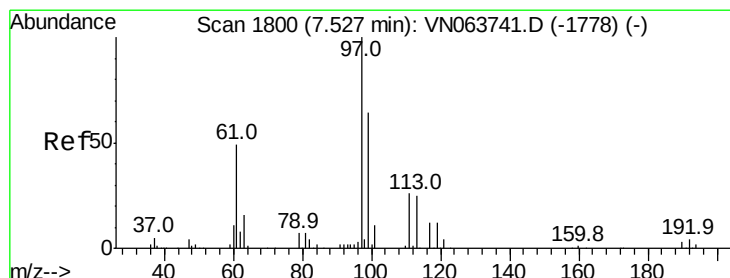
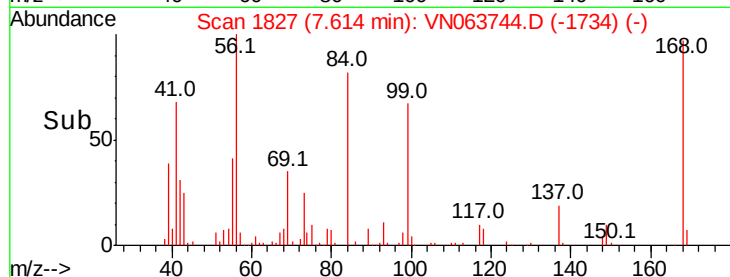
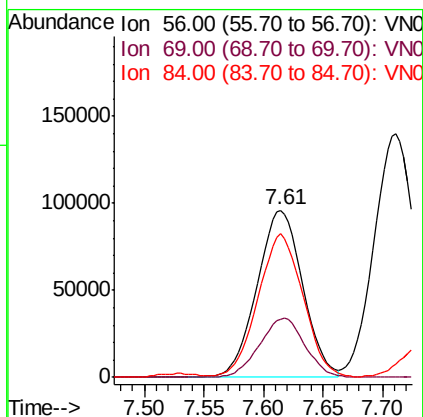
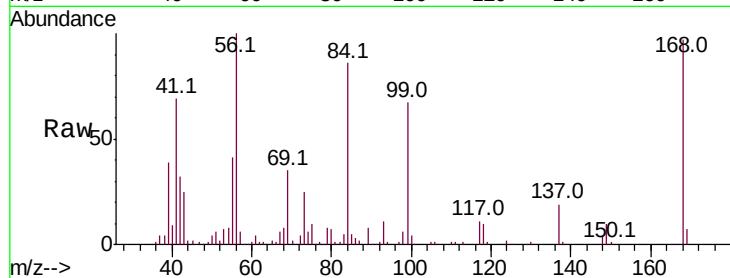




#31
Cyclohexane
Concen: 45.560 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

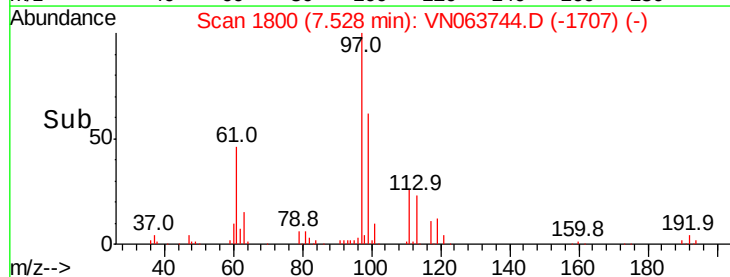
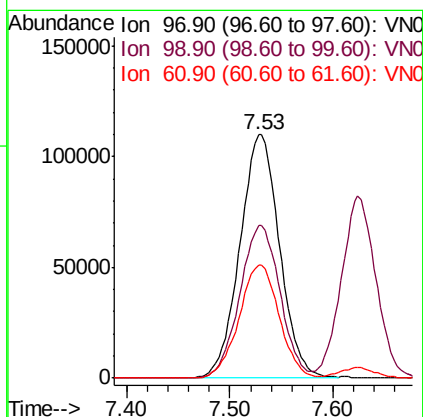
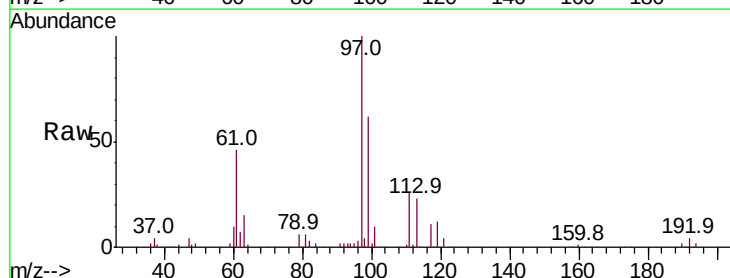
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

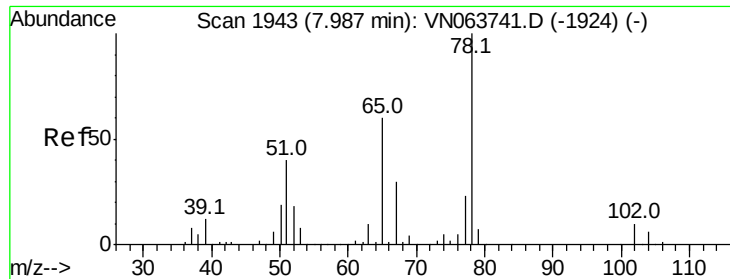
Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.4	38.2
84	83.9	63.3	94.9



#32
1,1,1-Trichloroethane
Concen: 48.542 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	47.1	38.7	58.1

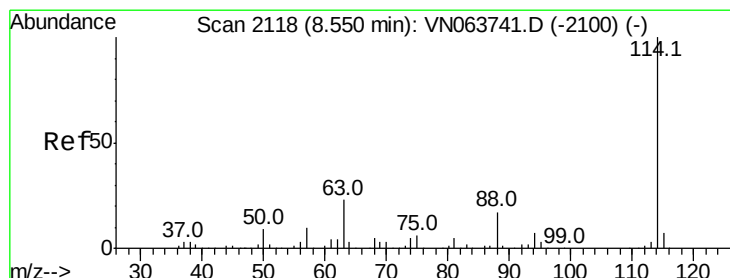
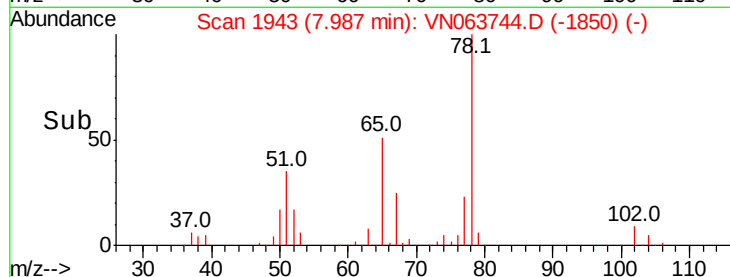
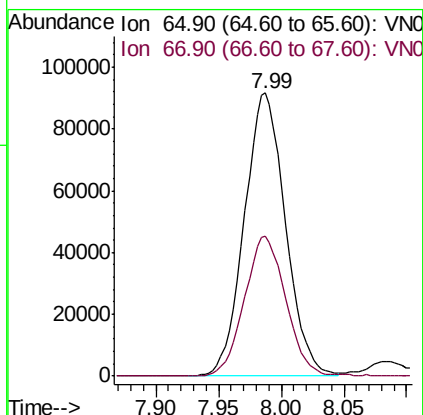
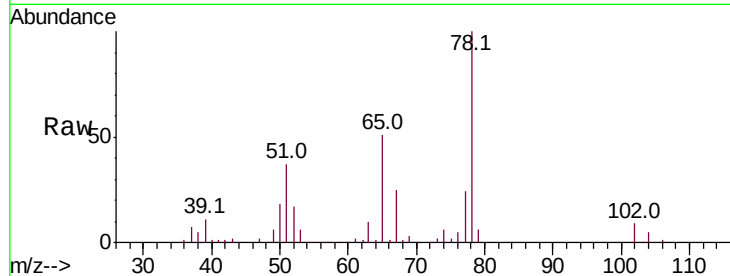




#33
 1,2-Dichloroethane-d4
 Concen: 43.359 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

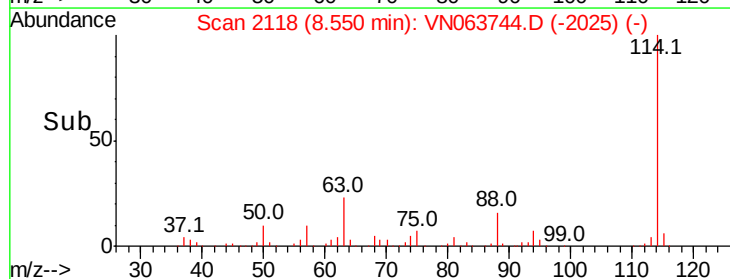
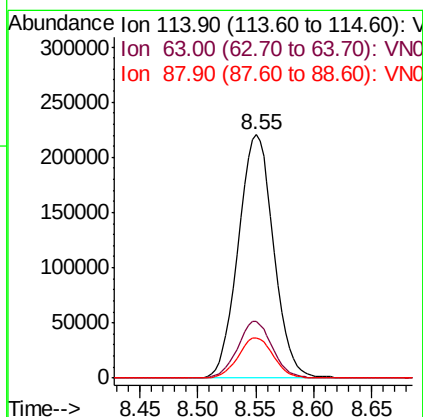
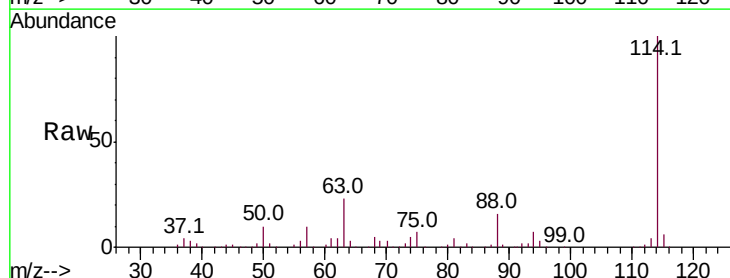
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

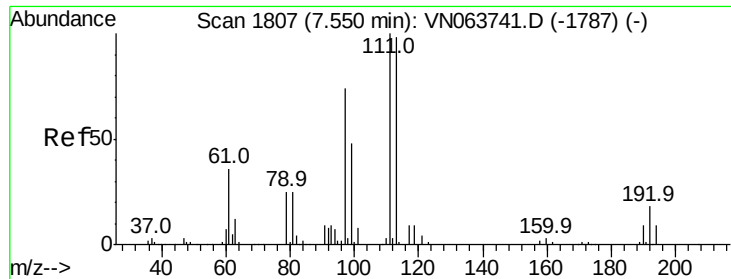
Tot Ion: 65 Resp: 209331
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 114 Resp: 467371
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.3 0.0 34.0

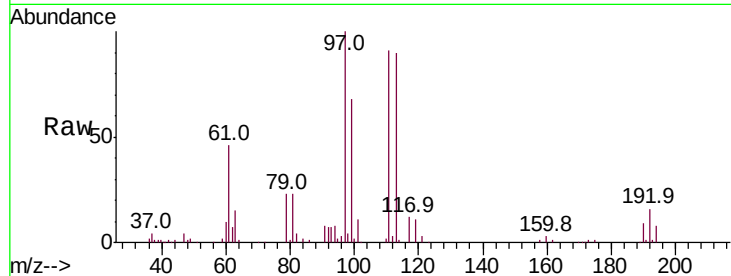




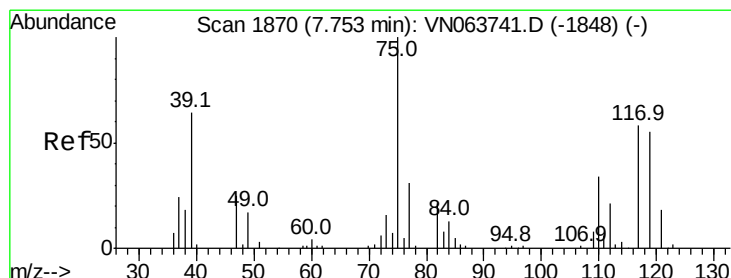
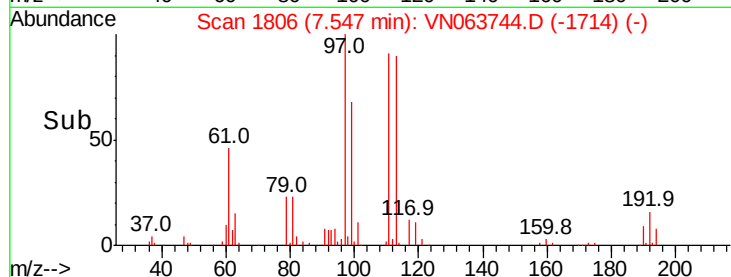
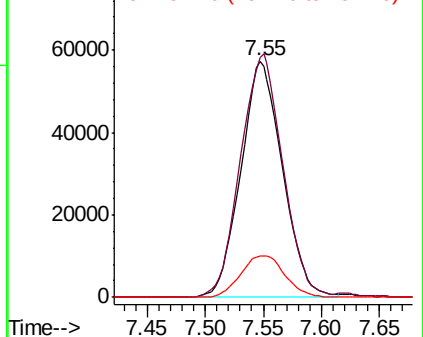
#35
 Dibromofluoromethane
 Concen: 44.206 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion:113 Resp: 143358
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.8 122.8
 192 18.7 14.2 21.2

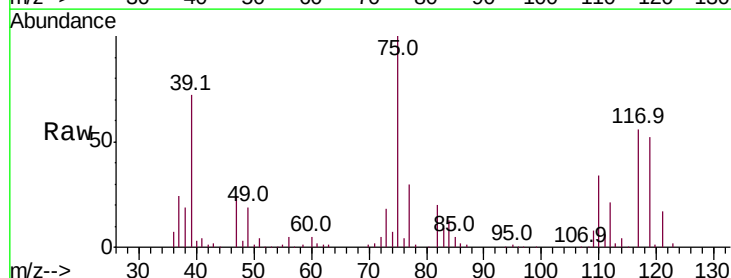


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

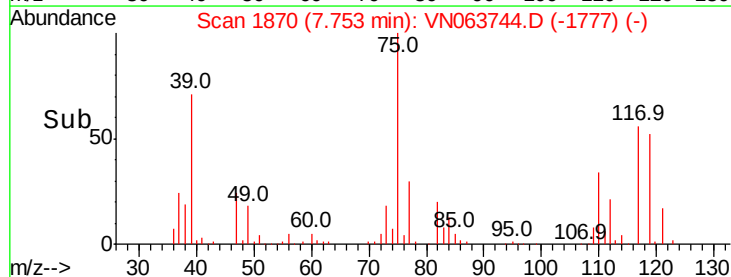
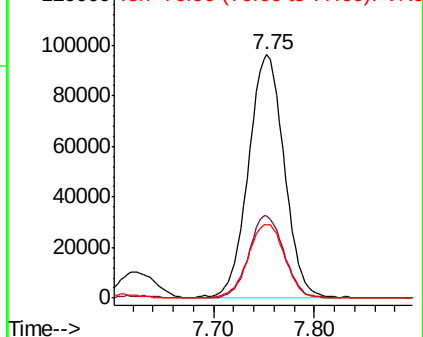


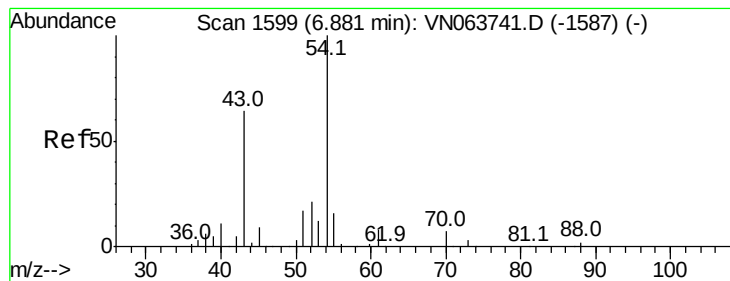
#36
 1,1-Dichloropropene
 Concen: 49.691 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 75 Resp: 235281
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.9 50.6
 77 31.7 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 47.303 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

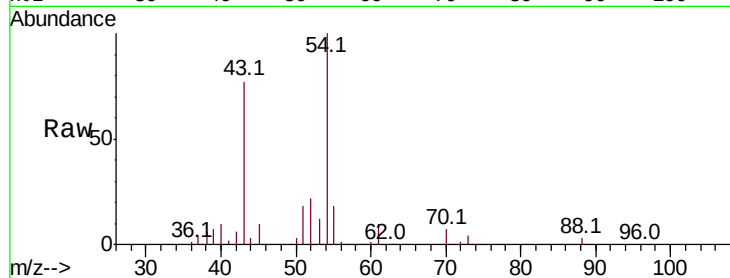
Tot Ion: 43 Resp: 222525

Ion Ratio Lower Upper

43 100

61 12.6 10.4 15.6

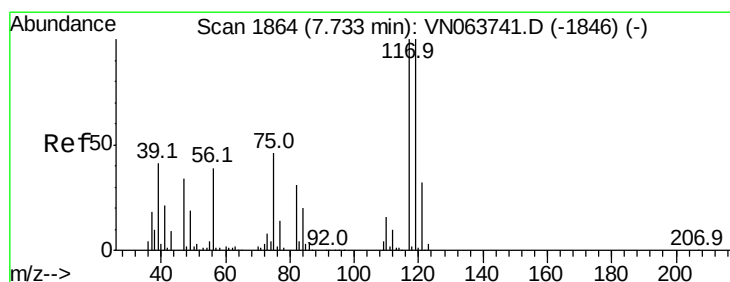
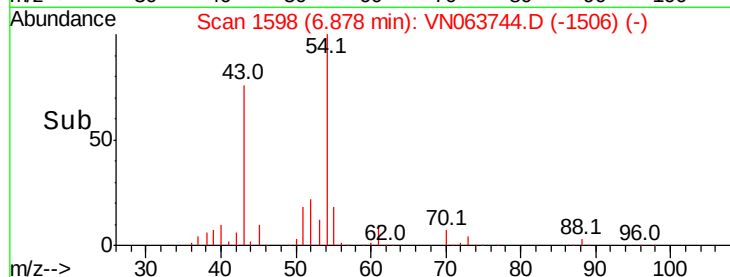
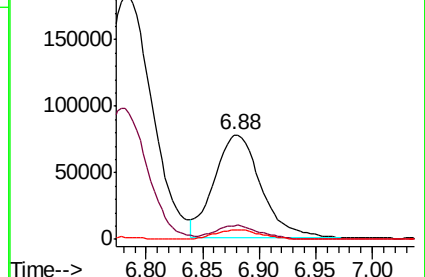
70 9.4 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063741.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 48.469 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

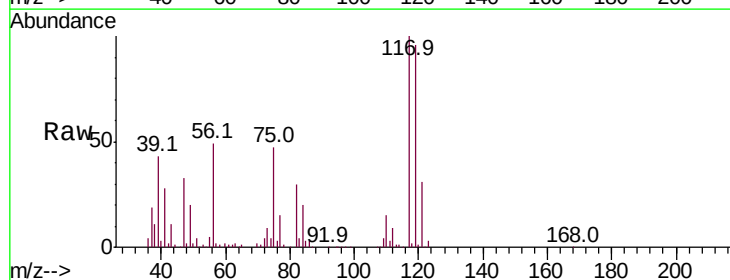
Tgt Ion: 117 Resp: 257344

Ion Ratio Lower Upper

117 100

119 96.6 80.1 120.1

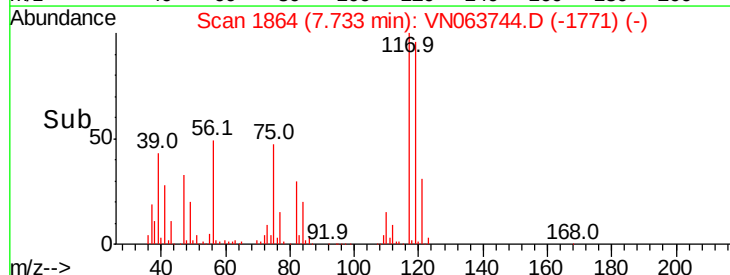
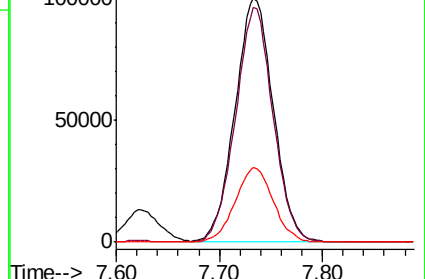
121 30.7 25.7 38.5

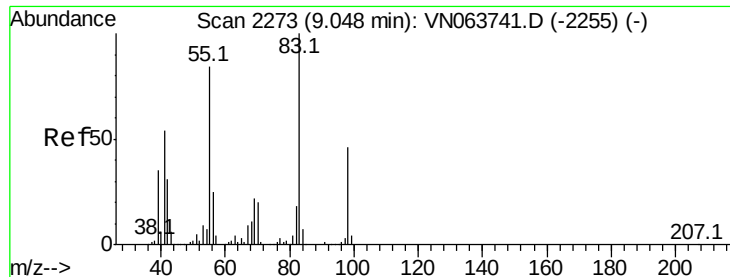


Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-1846) (-)

Ion 118.80 (118.50 to 119.50): VN063741.D (-1846) (-)

Ion 120.80 (120.50 to 121.50): VN063741.D (-1846) (-)

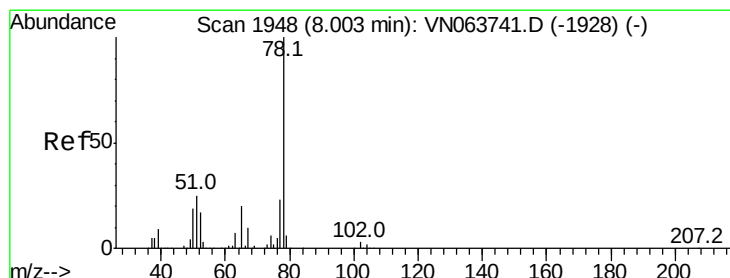
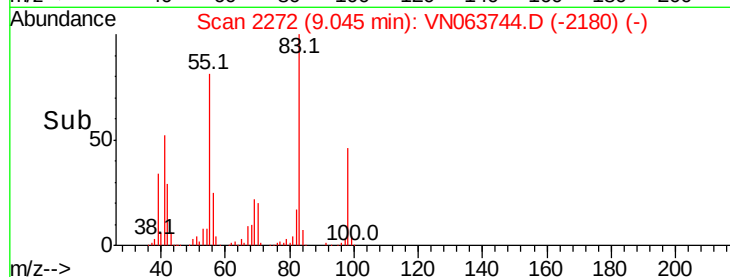
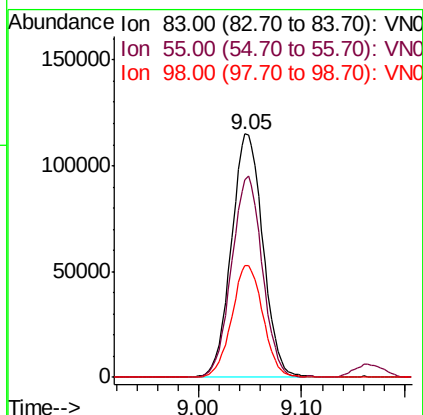
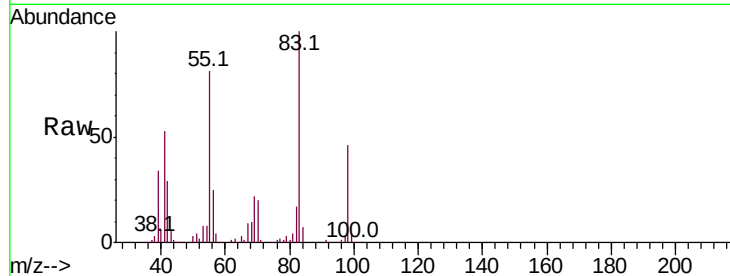




#39
 Methylvlcyclohexane
 Concen: 52.035 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

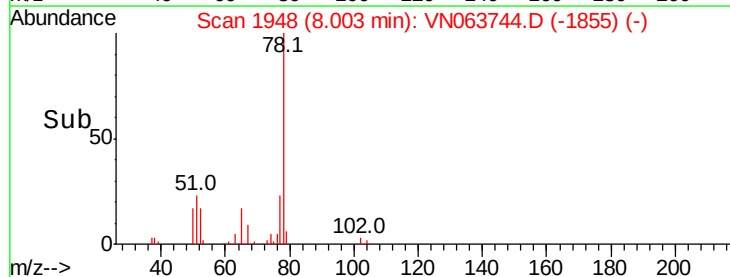
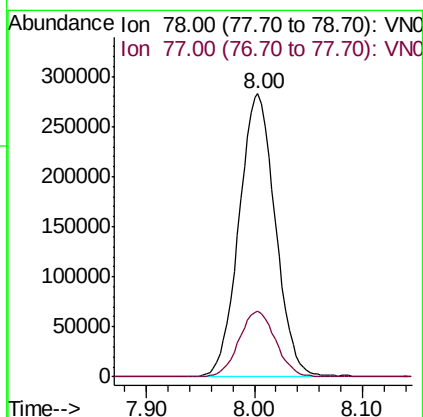
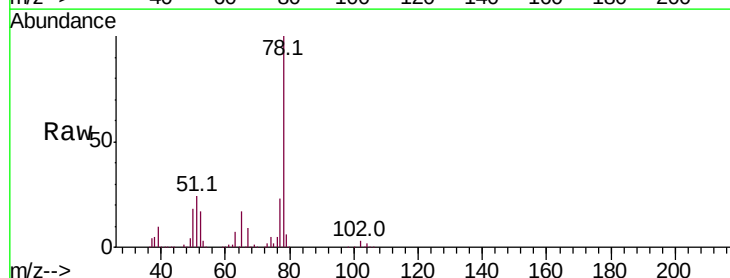
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

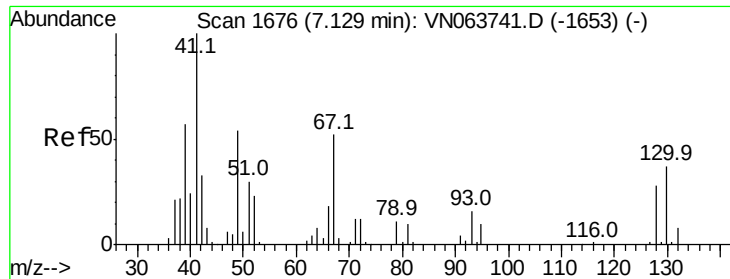
Tot Ion: 83 Resp: 245699
 Ion Ratio Lower Upper
 83 100
 55 81.3 67.1 100.7
 98 46.1 36.6 54.8



#40
 Benzene
 Concen: 48.937 ug/l
 RT: 8.00 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 78 Resp: 661828
 Ion Ratio Lower Upper
 78 100
 77 23.1 18.7 28.1

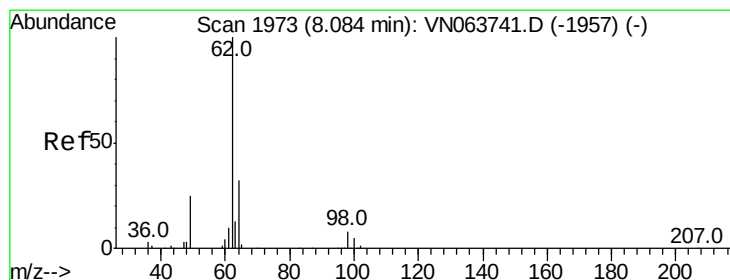
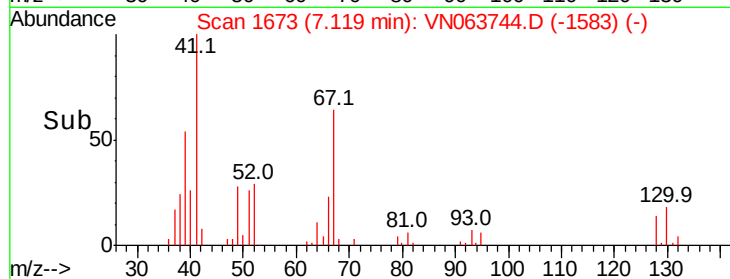
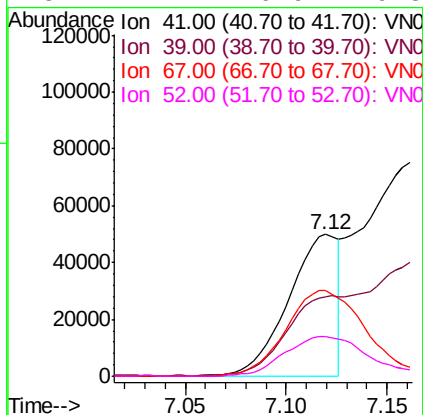
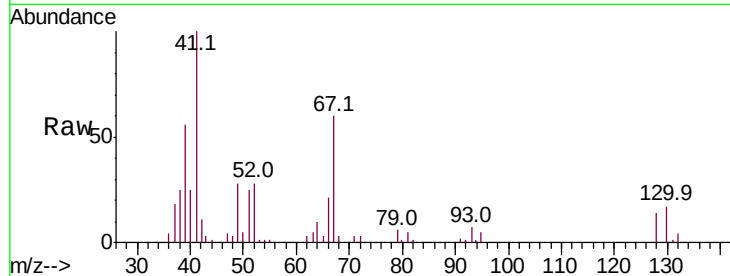




#41
Methacrylonitrile
Concen: 40.924 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

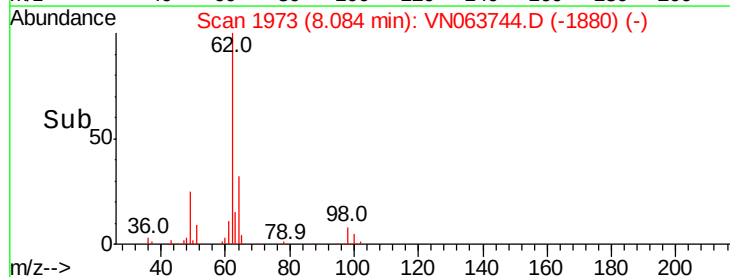
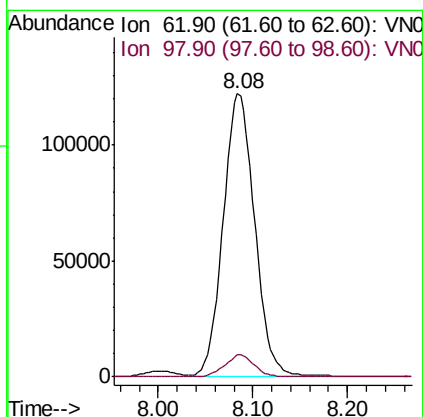
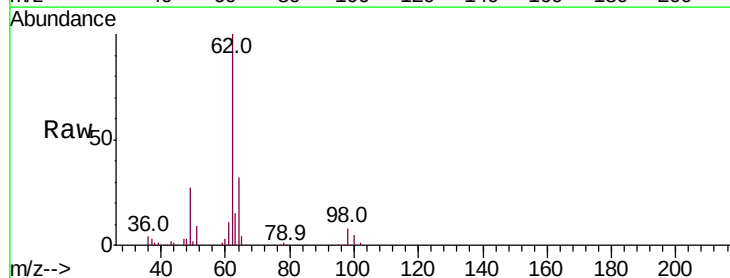
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

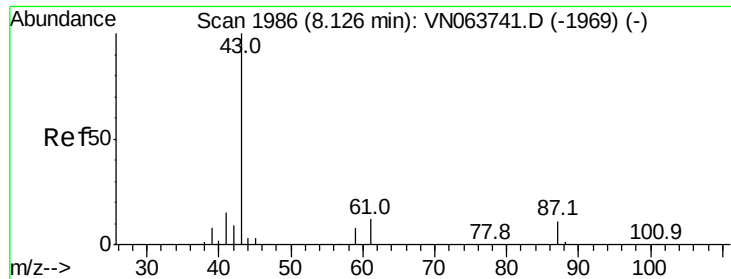
Tot Ion: 41 Resp: 85561
Ion Ratio Lower Upper
41 100
39 64.6 42.5 63.7#
67 97.5 57.4 86.2#
52 47.4 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 48.807 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 62 Resp: 281762
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.0





#43

Isopropyl Acetate

Concen: 50.405 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

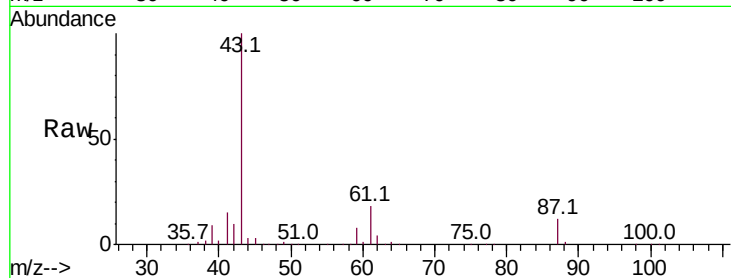
Tot Ion: 43 Resp: 391112

Ion Ratio Lower Upper

43 100

61 17.7 14.2 21.4

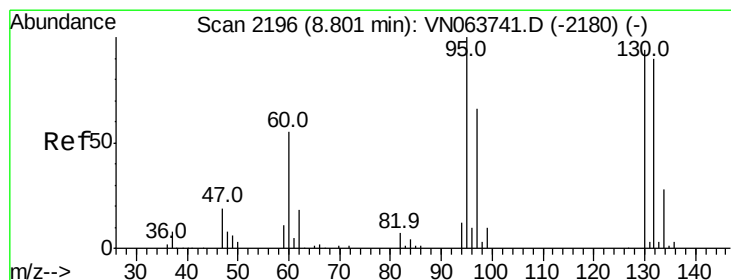
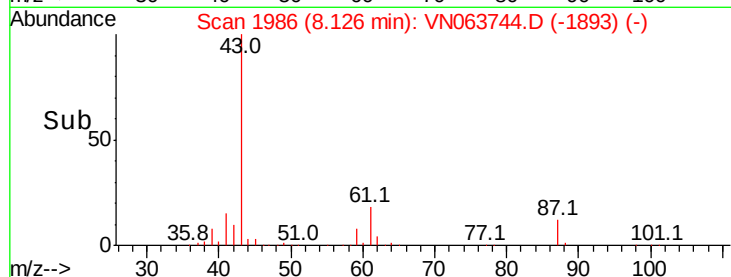
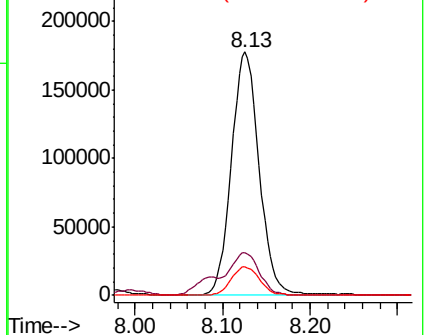
87 12.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 48.710 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063744.D

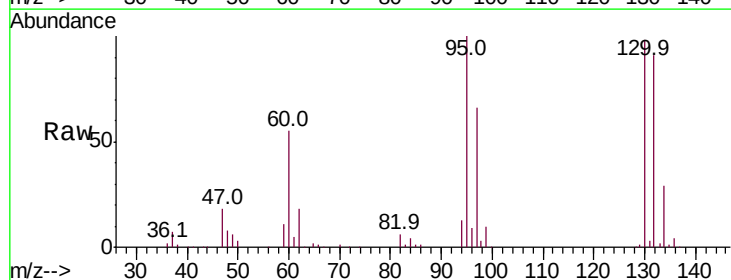
Acq: 30 Sep 2020 12:50

Tgt Ion:130 Resp: 172605

Ion Ratio Lower Upper

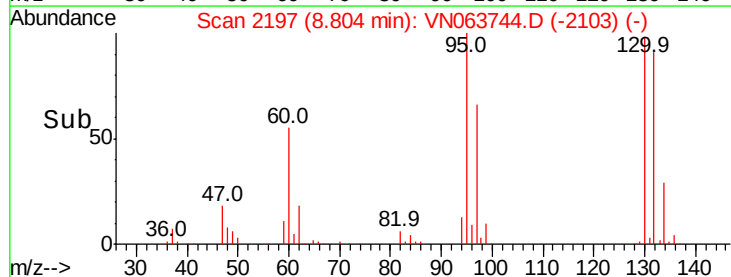
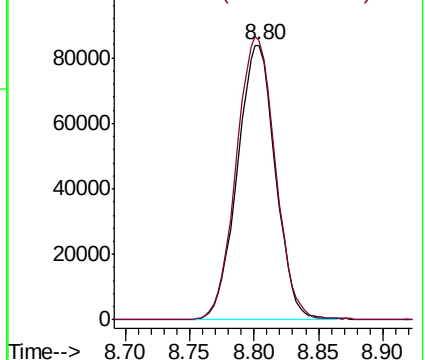
130 100

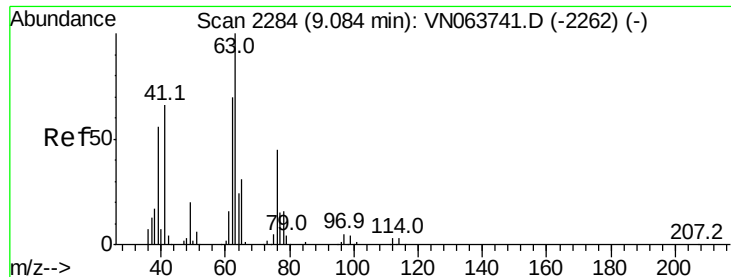
95 101.6 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 48.922 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

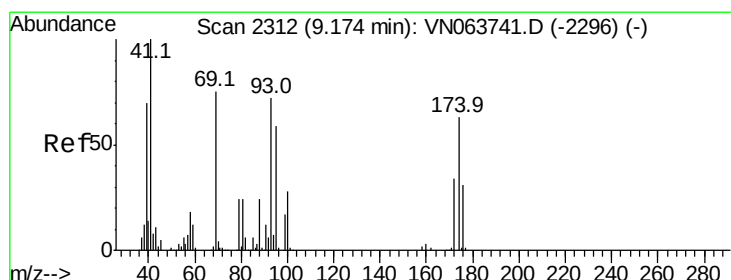
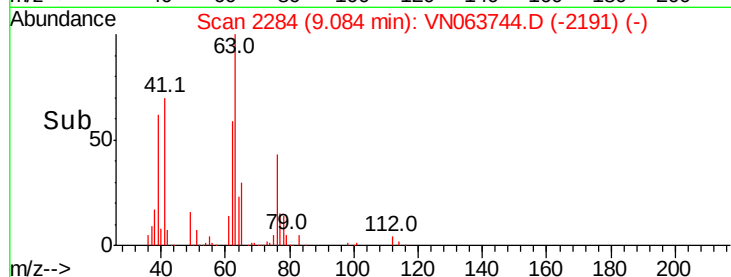
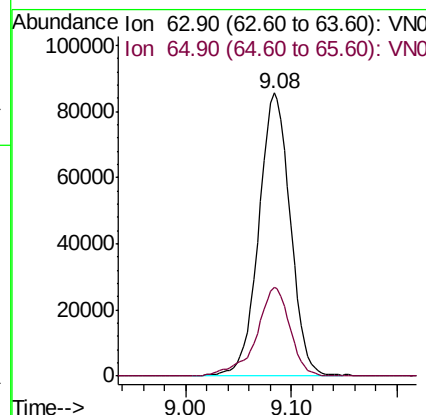
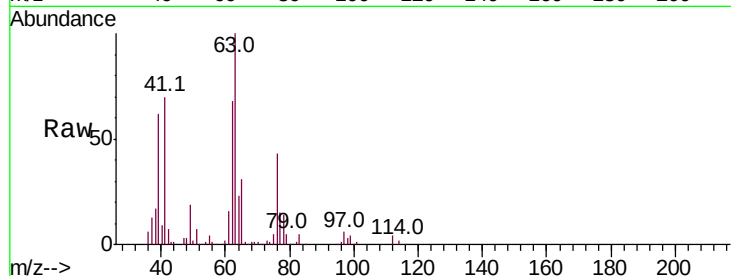
ICVVO93020

Tot Ion: 63 Resp: 178683

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 48.576 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

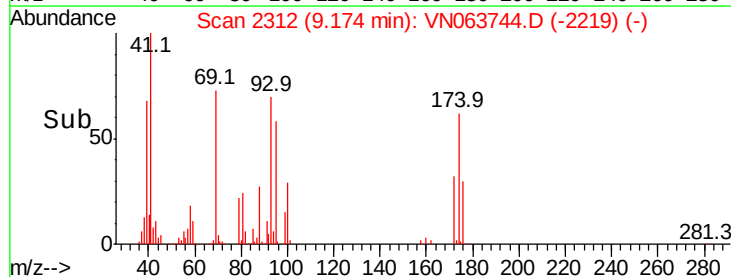
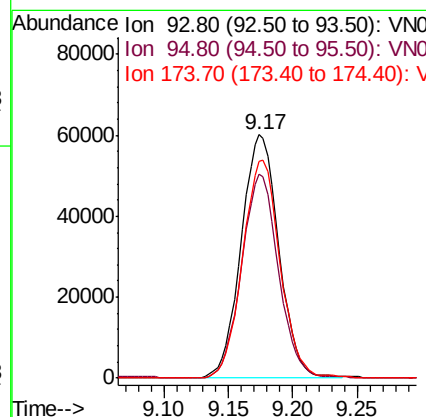
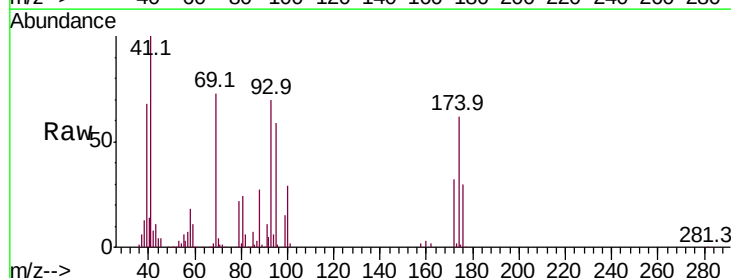
Tgt Ion: 93 Resp: 122394

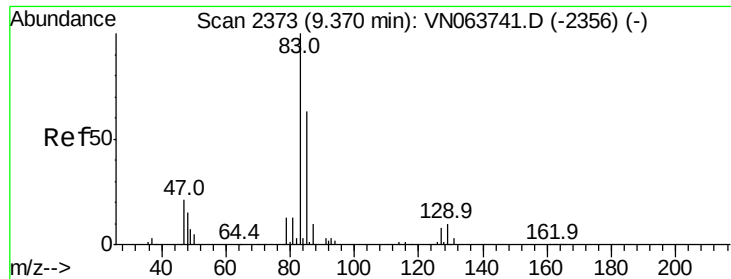
Ion Ratio Lower Upper

93 100

95 82.0 66.3 99.5

174 89.2 72.7 109.1





#47

Bromodichloromethane

Concen: 51.145 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

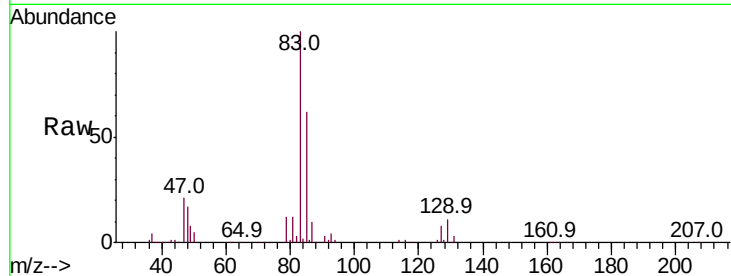
Tot Ion: 83 Resp: 265587

Ion Ratio Lower Upper

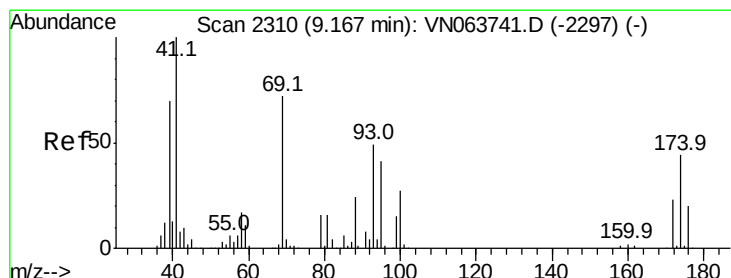
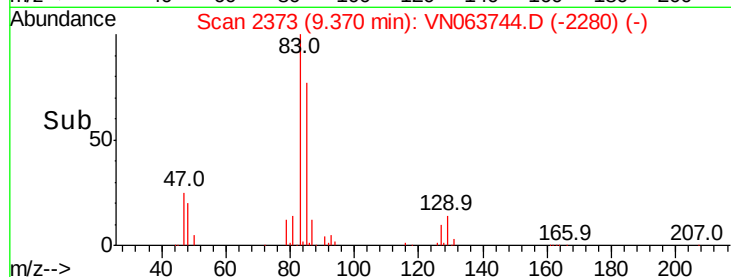
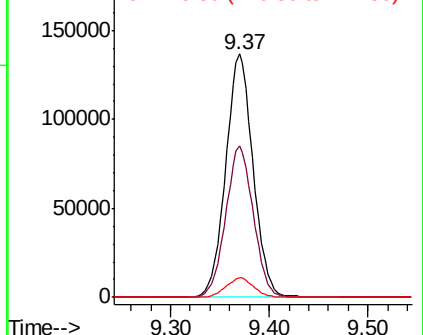
83 100

85 62.0 50.6 75.8

127 8.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 51.388 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

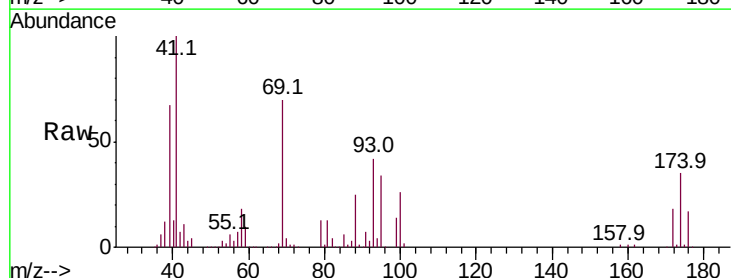
Tgt Ion: 41 Resp: 197001

Ion Ratio Lower Upper

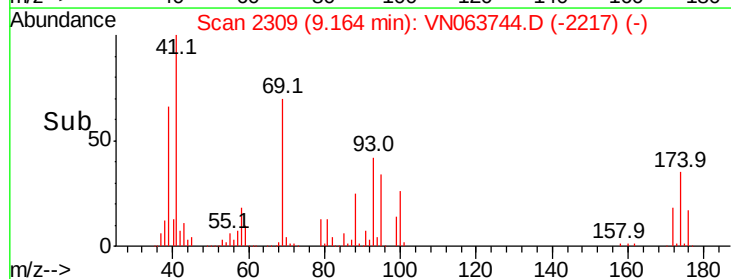
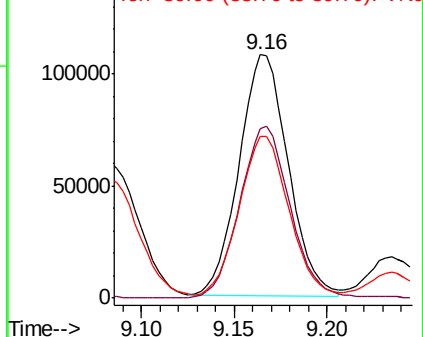
41 100

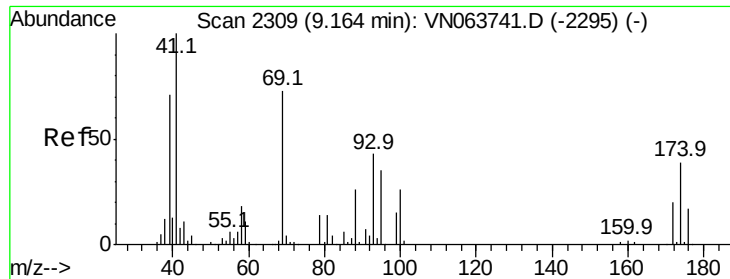
69 74.0 60.9 91.3

39 68.9 57.5 86.3



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 1050.467 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICV093020

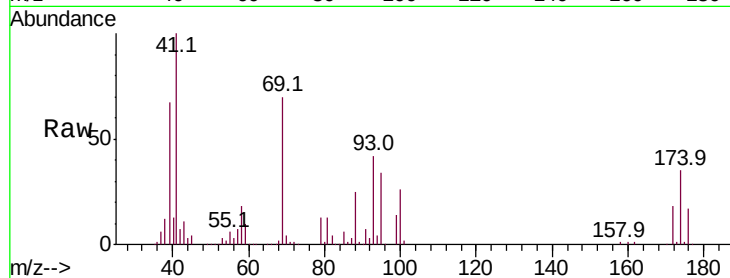
Tot Ion: 88 Resp: 57234

Ion Ratio Lower Upper

88 100

43 39.1 33.1 49.7

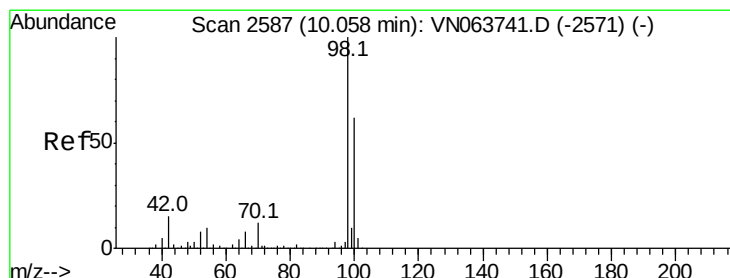
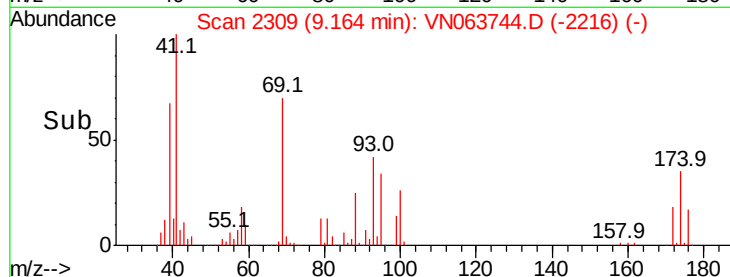
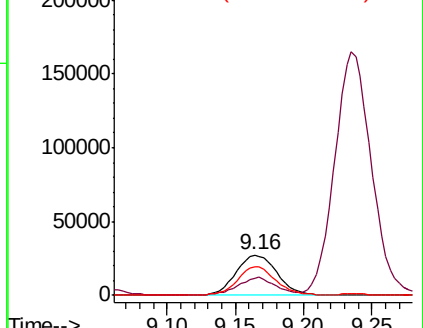
58 67.2 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063744.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063744.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063744.D (-2295) (-)



#50

Toluene-d8

Concen: 44.519 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063744.D

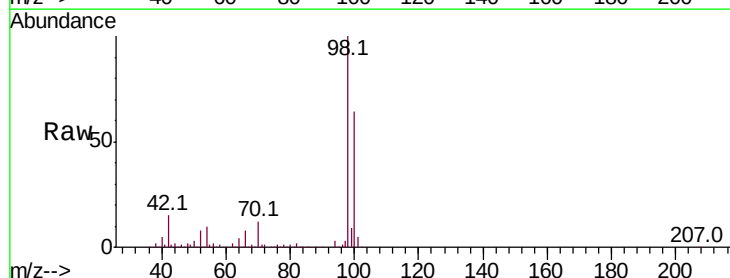
Acq: 30 Sep 2020 12:50

Tgt Ion: 98 Resp: 547307

Ion Ratio Lower Upper

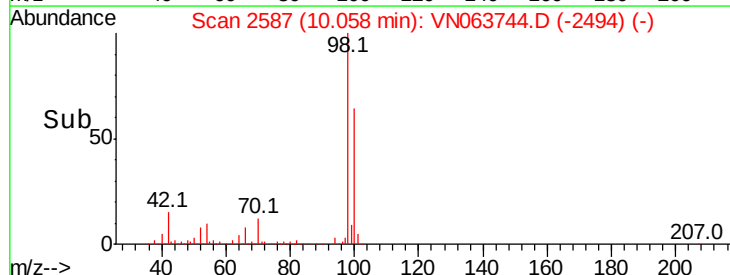
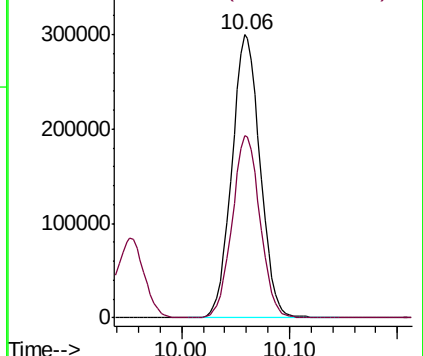
98 100

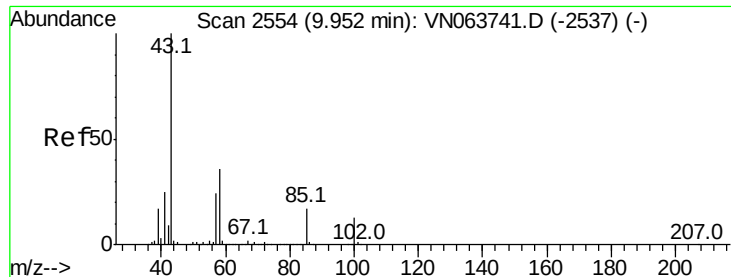
100 63.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063744.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063744.D (-2571) (-)

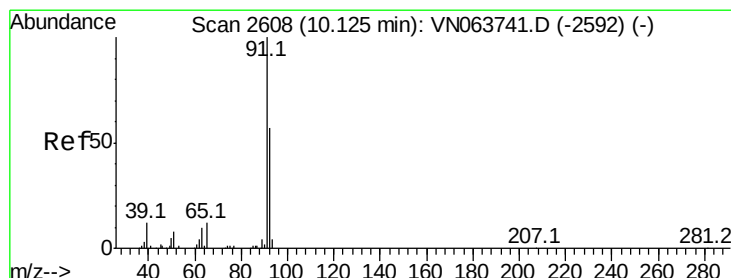
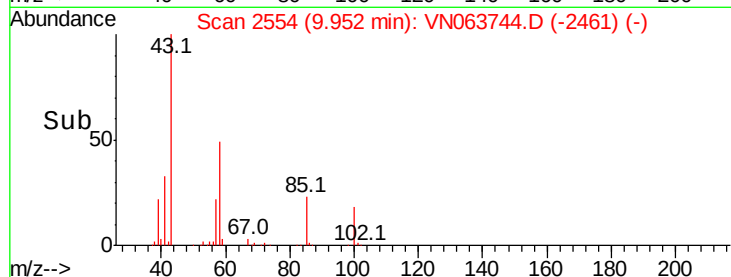
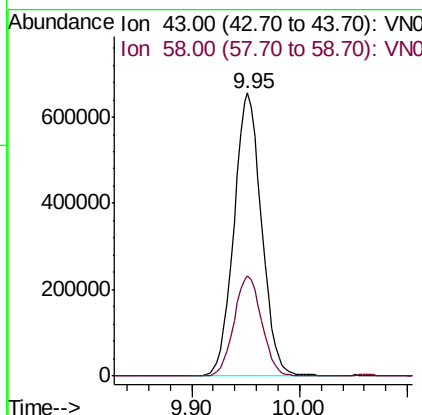
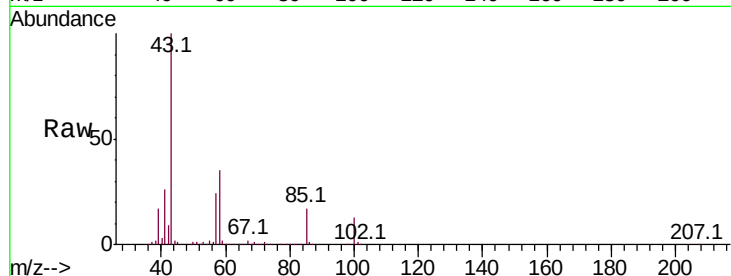




#51
4-Methyl-2-Pentanone
Concen: 257.043 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

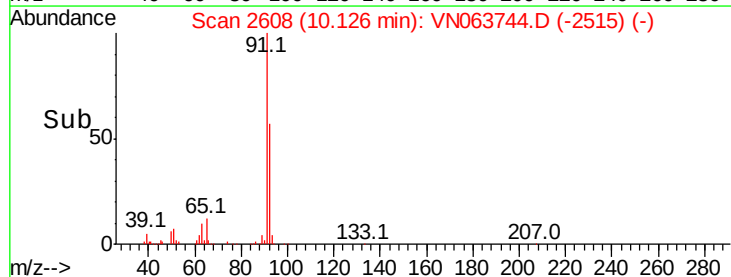
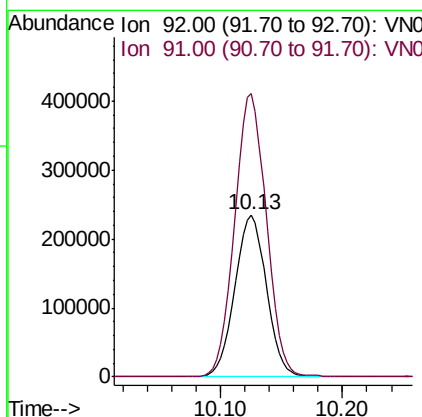
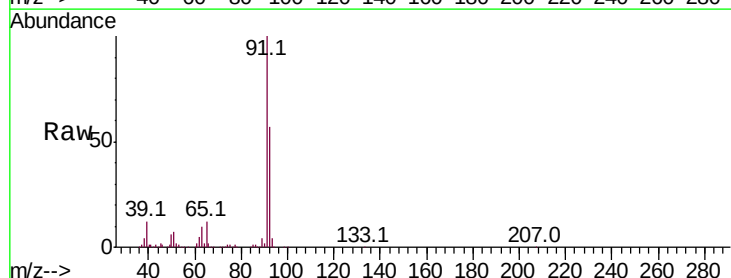
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

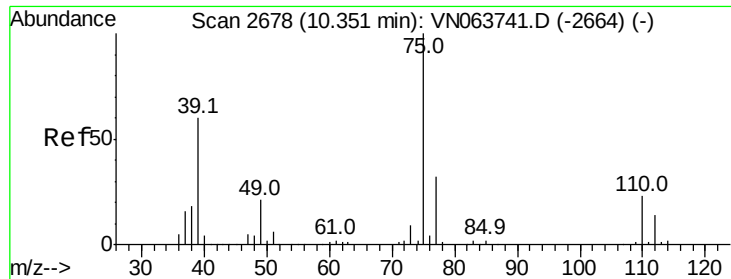
Tot Ion: 43 Resp: 1170463
Ion Ratio Lower Upper
43 100
58 35.7 28.4 42.6



#52
Toluene
Concen: 50.288 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 92 Resp: 420667
Ion Ratio Lower Upper
92 100
91 176.0 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 51.361 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

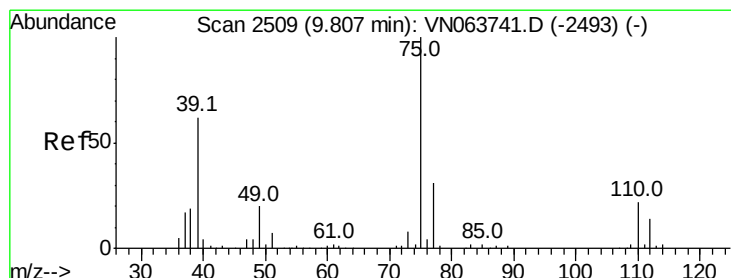
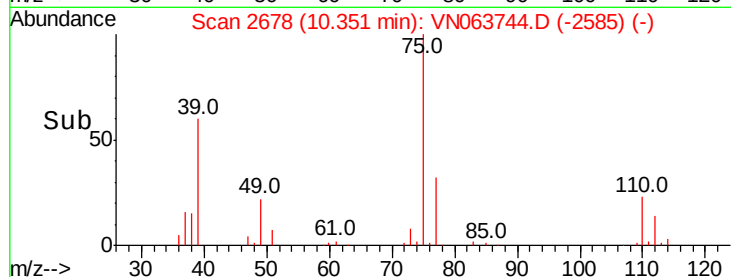
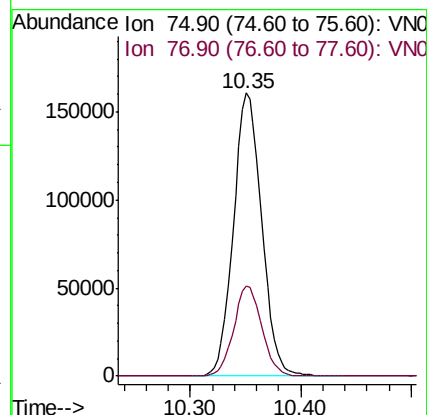
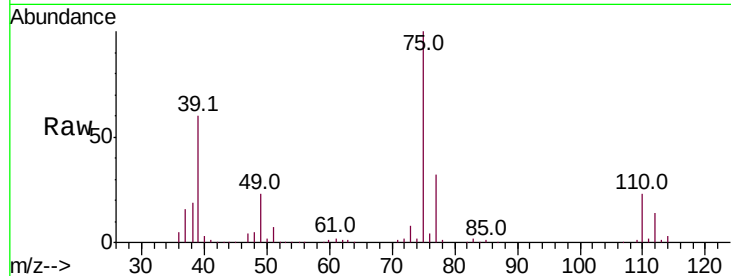
ICVVN093020

Tot Ion: 75 Resp: 285898

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.887 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

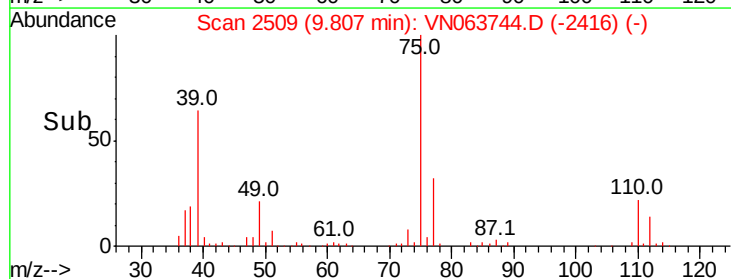
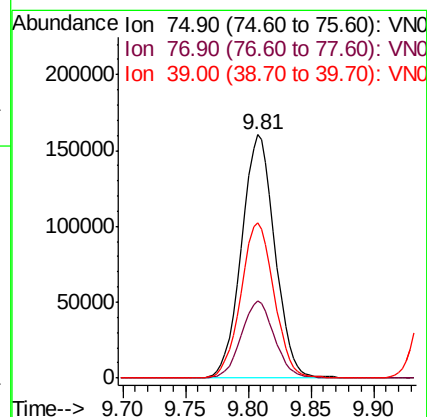
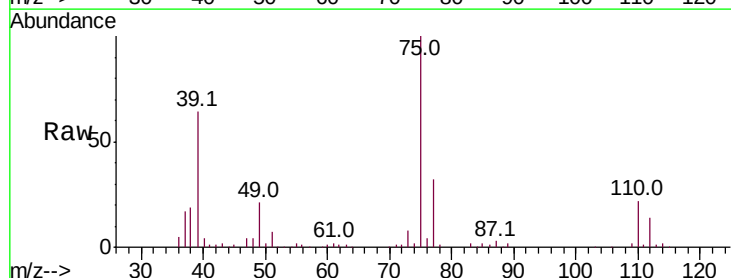
Tgt Ion: 75 Resp: 296235

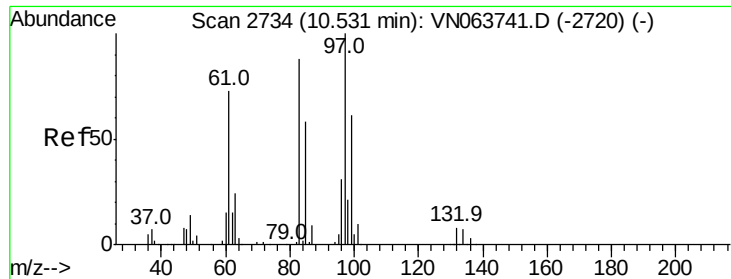
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 63.7 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 50.027 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

ICVFN093020

Tot Ion: 97 Resp: 167827

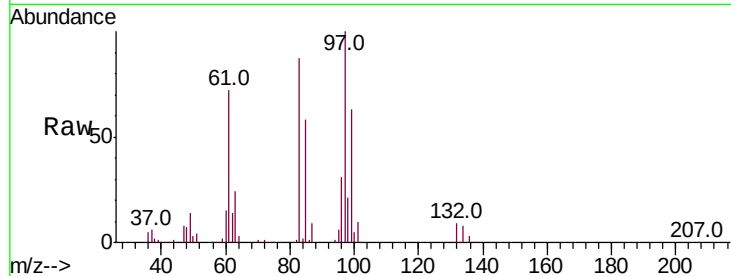
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	58.1	46.1	69.1
99	62.6	48.8	73.2

97 100

83 86.9 70.7 106.1

85 58.1 46.1 69.1

99 62.6 48.8 73.2



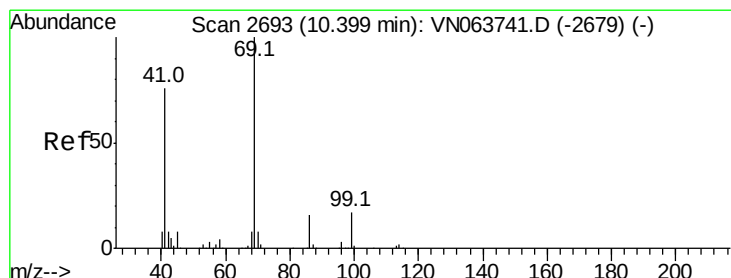
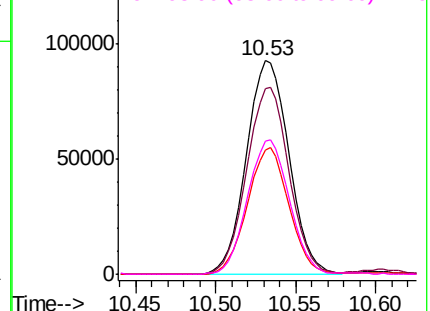
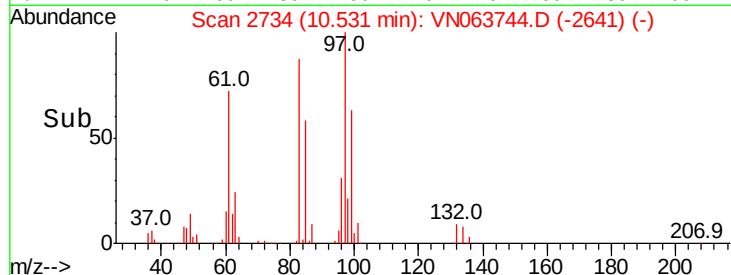
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.180 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

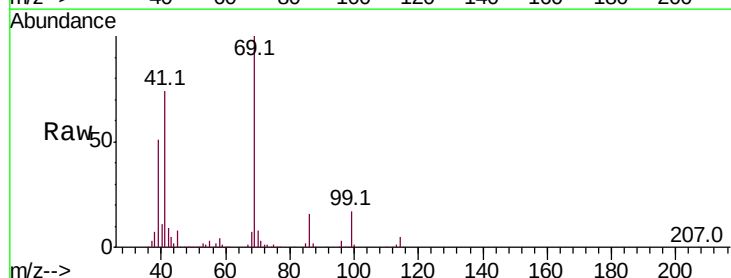
Tgt Ion: 69 Resp: 252881

Ion	Ratio	Lower	Upper
69	100		
41	75.6	61.1	91.7
39	51.4	42.2	63.4

69 100

41 75.6 61.1 91.7

39 51.4 42.2 63.4

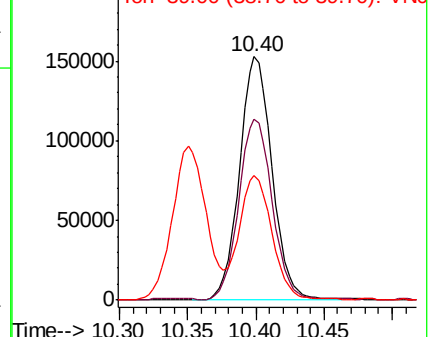
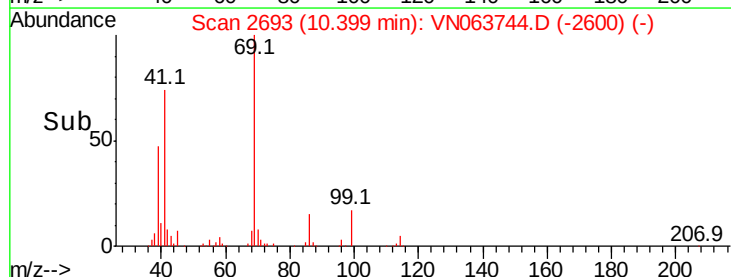


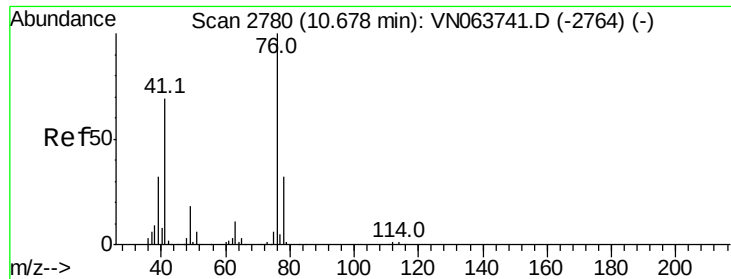
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.680 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

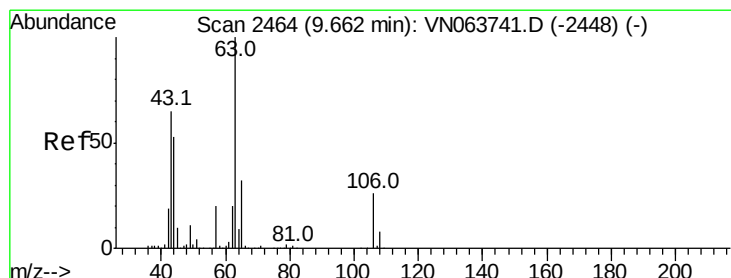
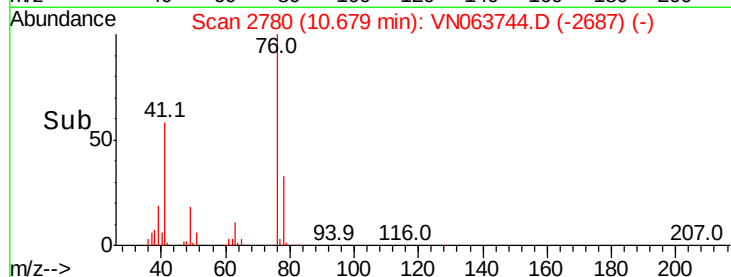
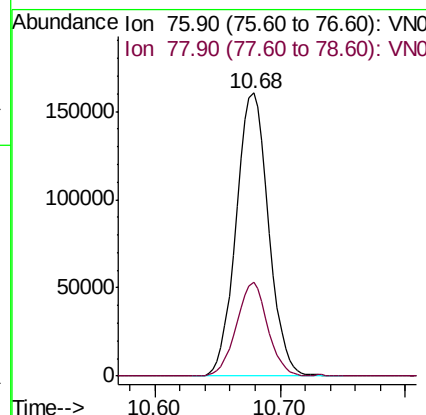
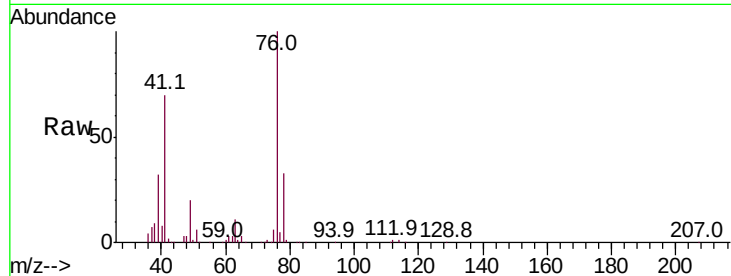
ICVVN093020

Tot Ion: 76 Resp: 287641

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 263.239 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063744.D

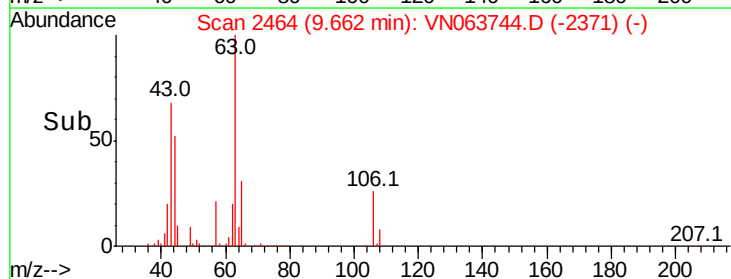
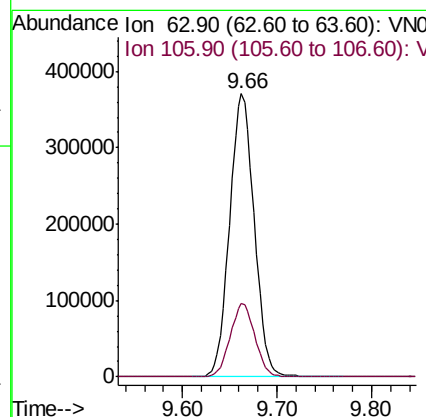
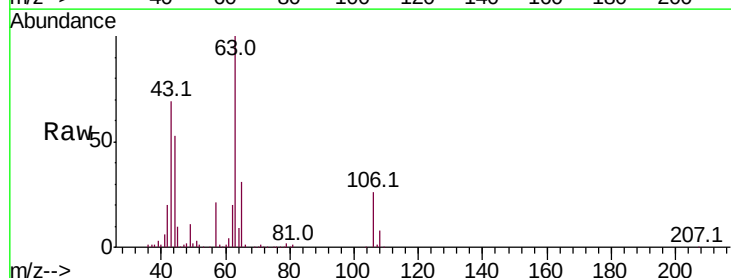
Acq: 30 Sep 2020 12:50

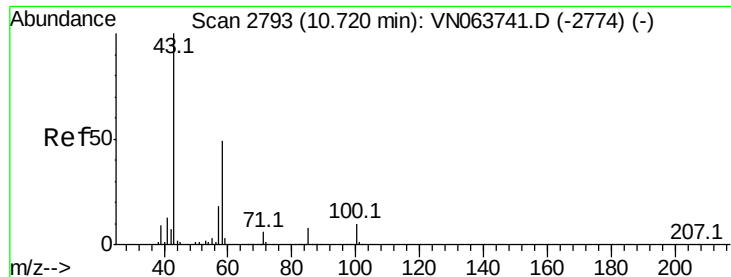
Tgt Ion: 63 Resp: 669573

Ion Ratio Lower Upper

63 100

106 25.9 20.7 31.1

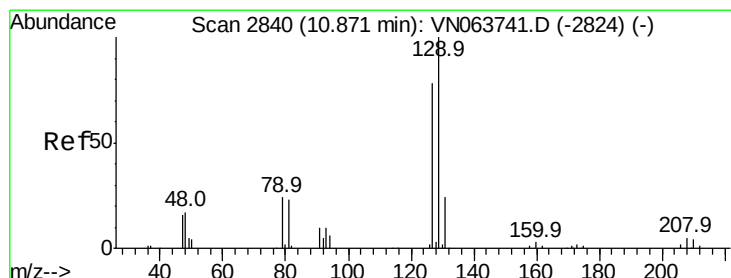
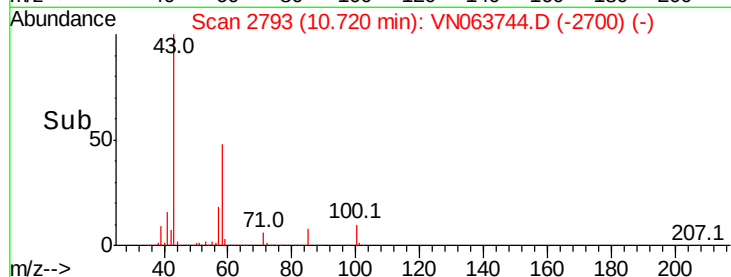
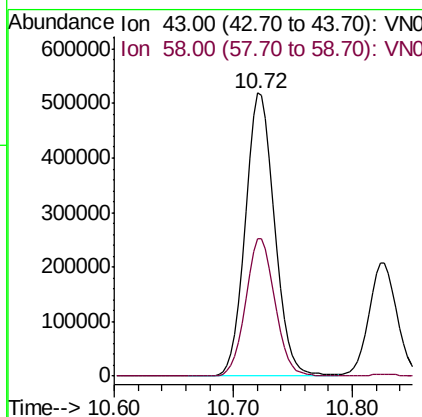
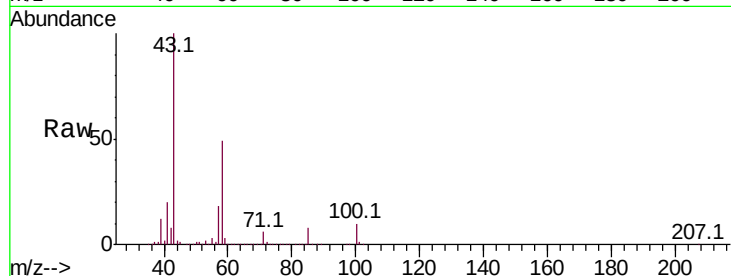




#59
2-Hexanone
Concen: 261.053 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

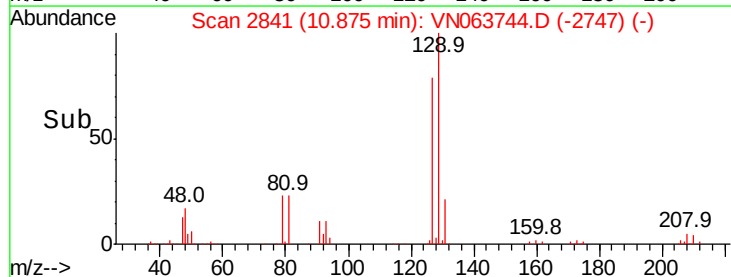
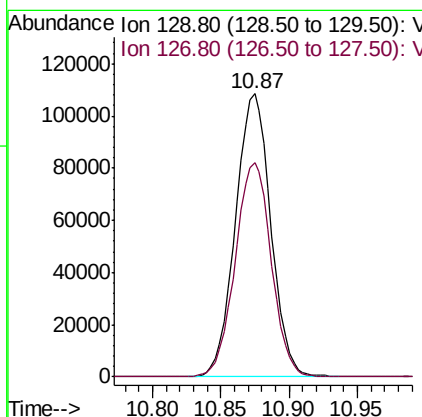
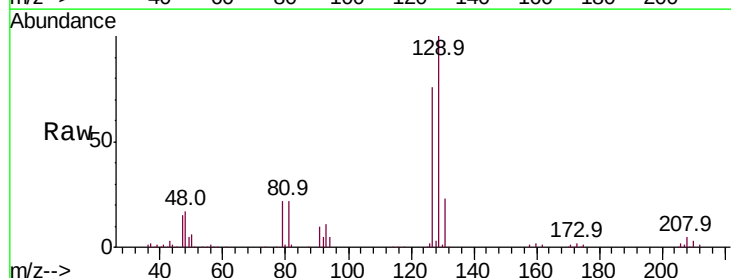
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

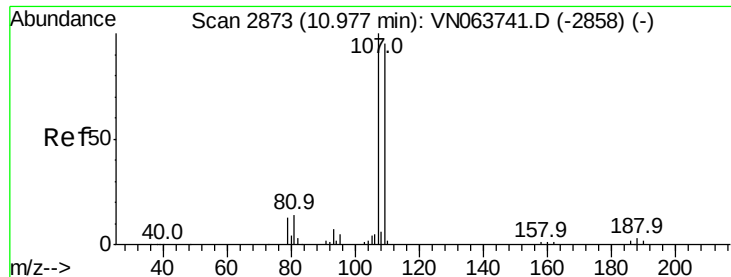
Tot Ion: 43 Resp: 883056
Ion Ratio Lower Upper
43 100
58 48.7 24.6 73.8



#60
Dibromochloromethane
Concen: 49.887 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 129 Resp: 194901
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.909 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

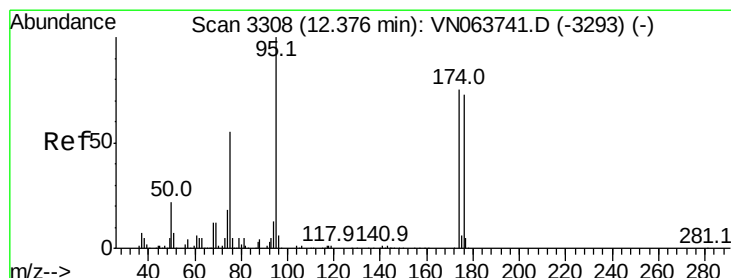
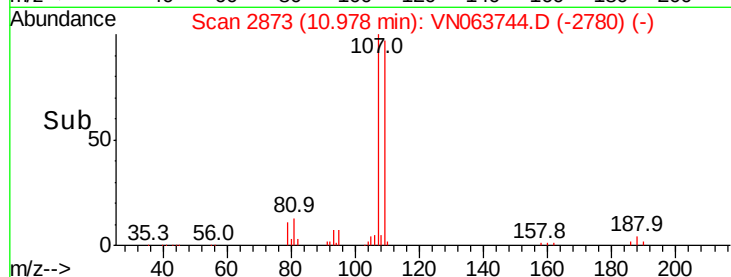
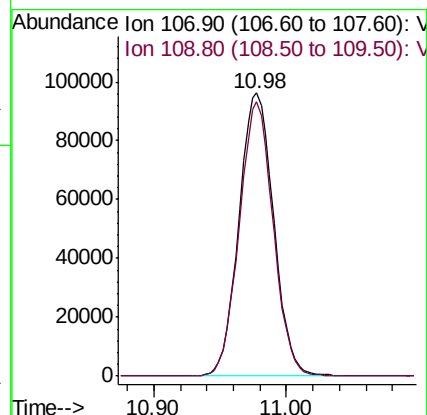
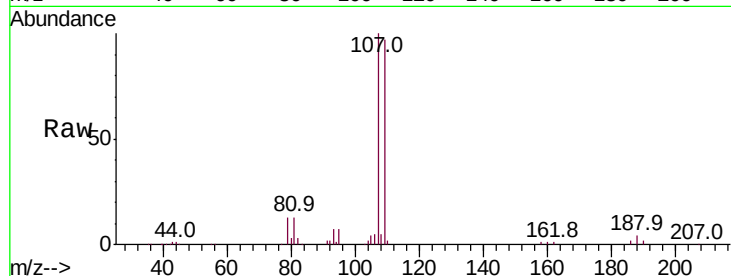
ICVVN093020

Tot Ion:107 Resp: 174700

Ion Ratio Lower Upper

107 100

109 94.9 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 45.704 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

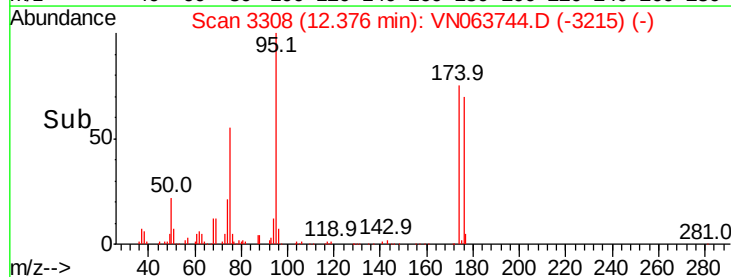
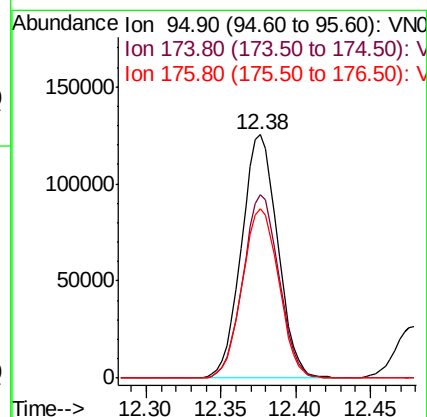
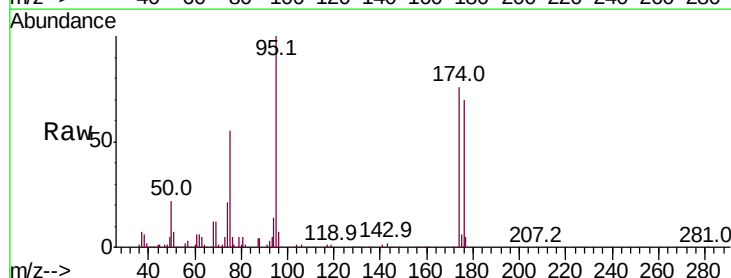
Tgt Ion: 95 Resp: 211215

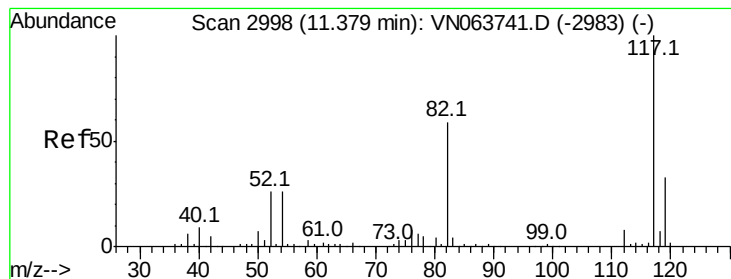
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 70.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

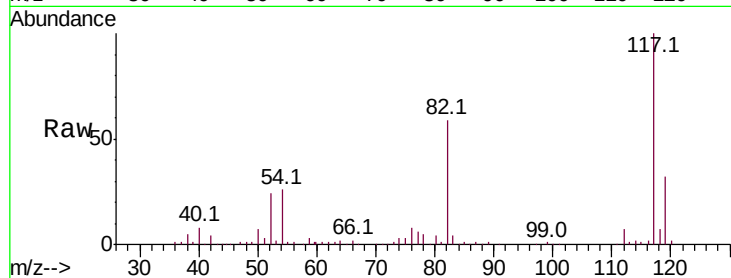
Tot Ion:117 Resp: 449044

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.2

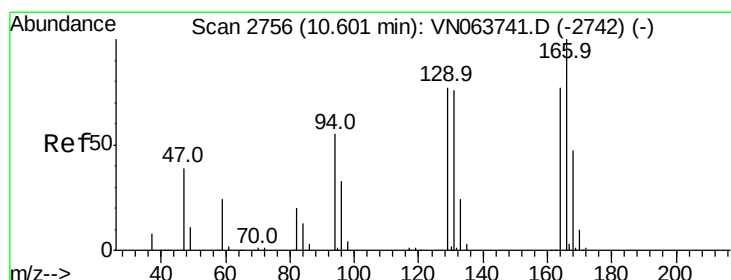
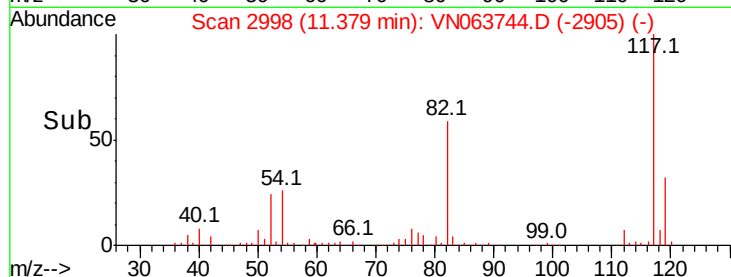
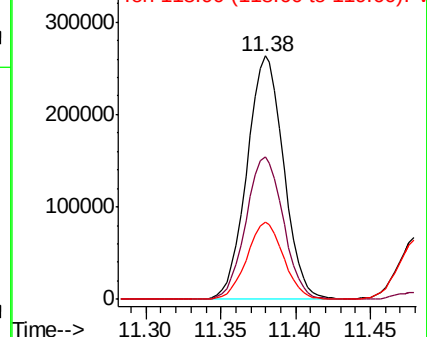
119 31.5 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 44.878 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:164 Resp: 155913

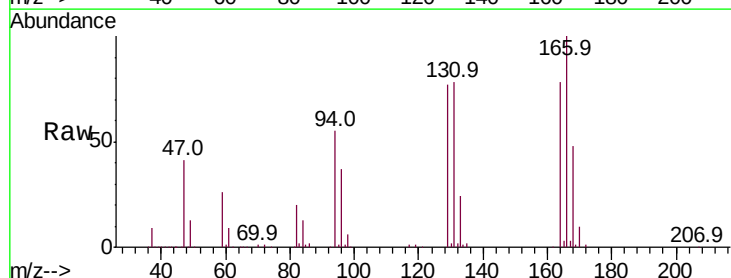
Ion Ratio Lower Upper

164 100

166 128.4 103.9 155.9

129 98.7 80.3 120.5

131 100.0 78.9 118.3

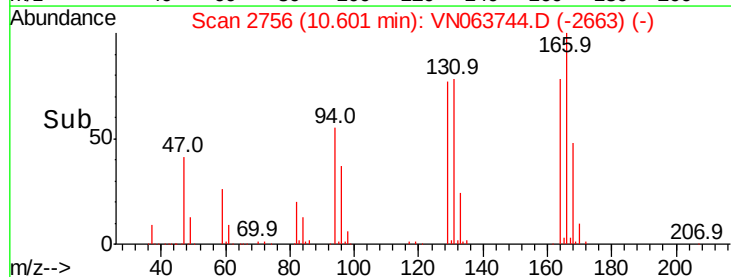
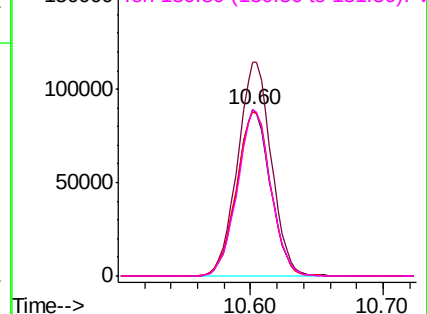


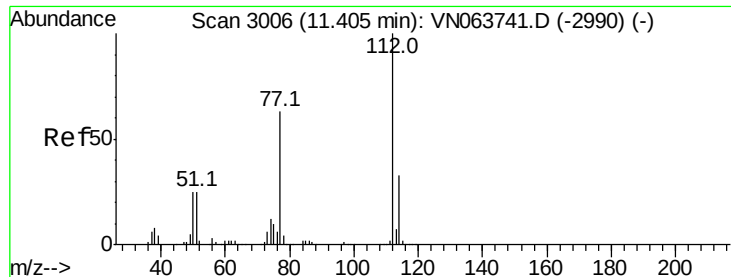
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

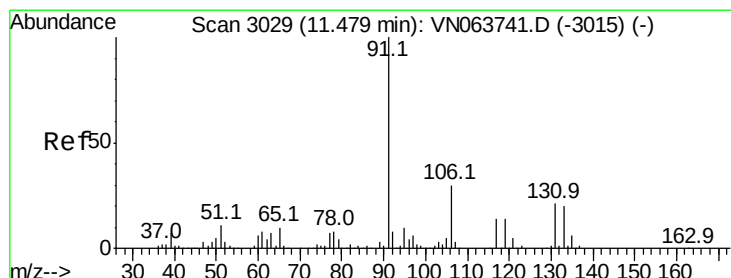
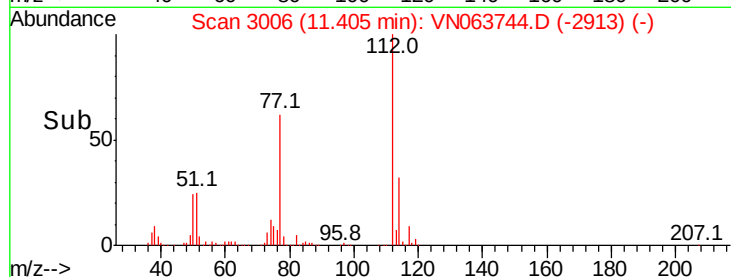
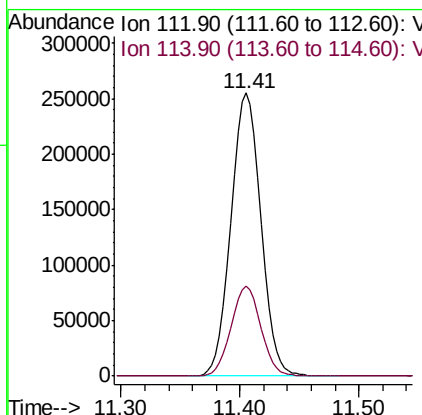
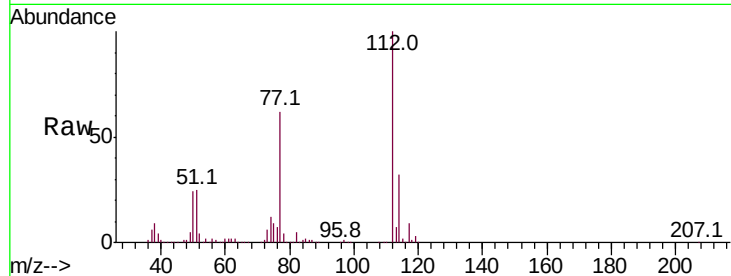




#65
Chlorobenzene
Concen: 48.439 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

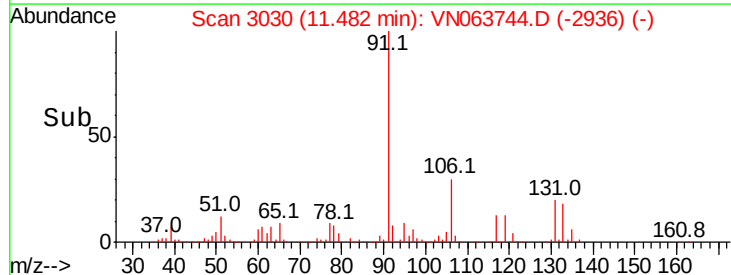
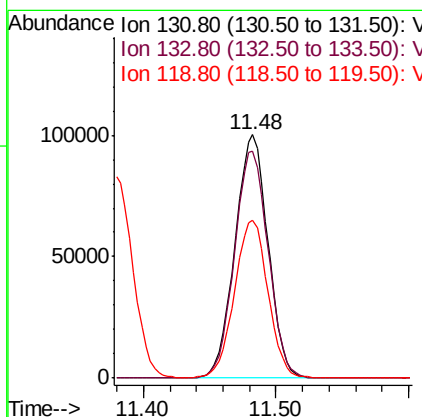
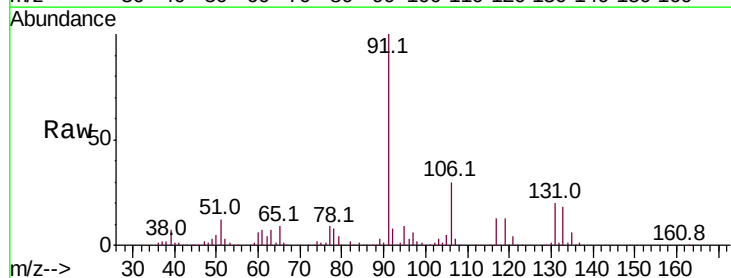
Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

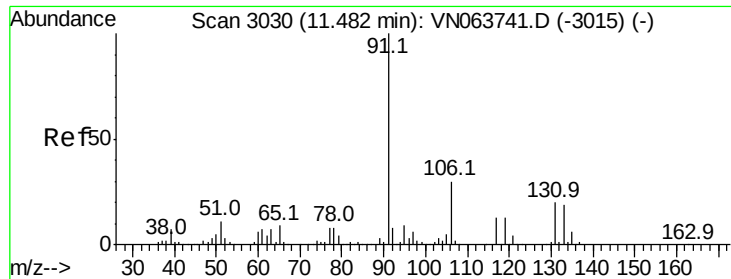
Tot Ion:112 Resp: 446188
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.157 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion:131 Resp: 173592
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 66.0 32.6 97.7

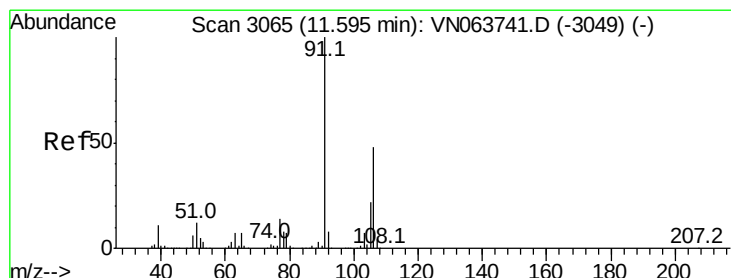
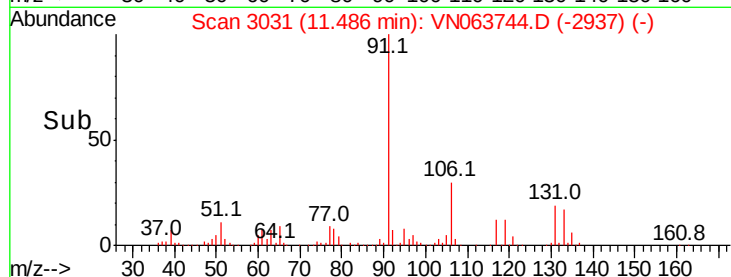
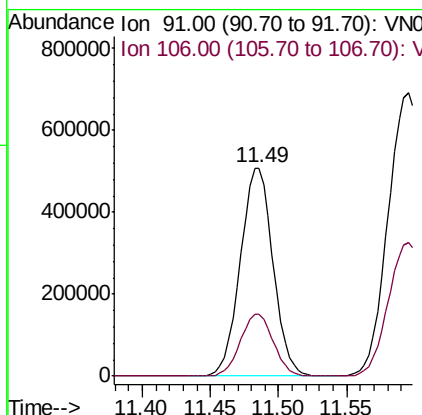
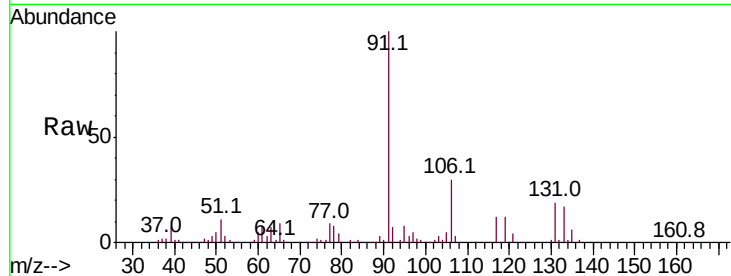




#67
Ethyl Benzene
Concen: 50.353 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

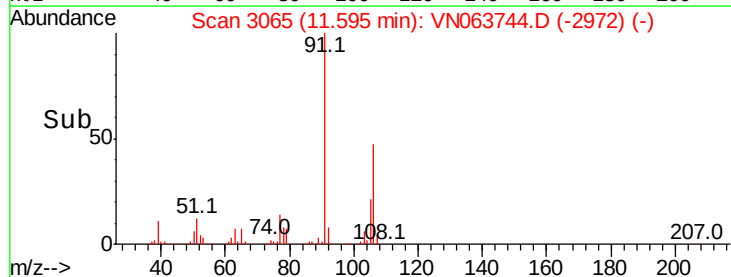
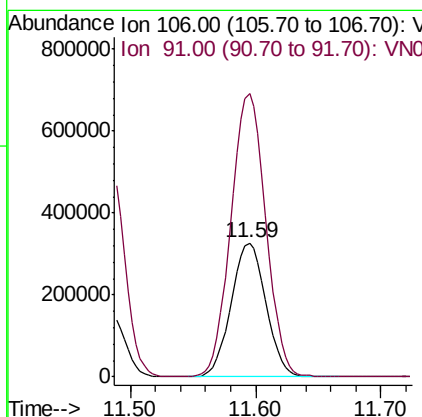
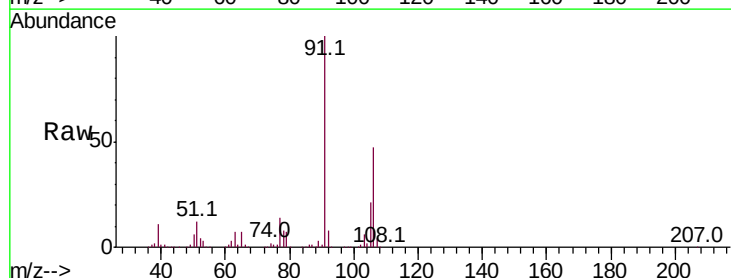
Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

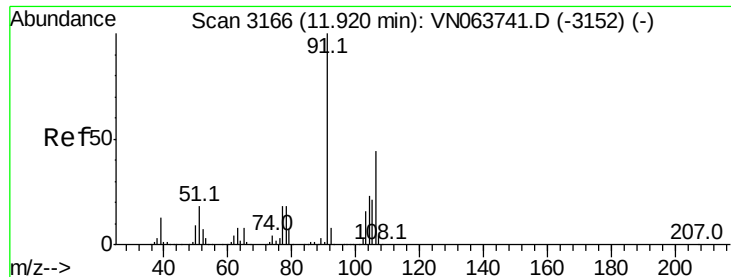
Tot Ion: 91 Resp: 843973
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 100.344 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 106 Resp: 626835
Ion Ratio Lower Upper
106 100
91 212.6 168.0 252.0

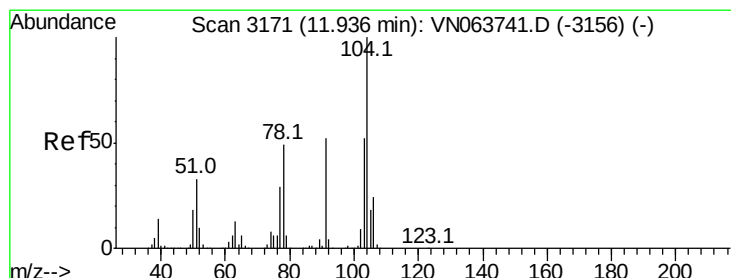
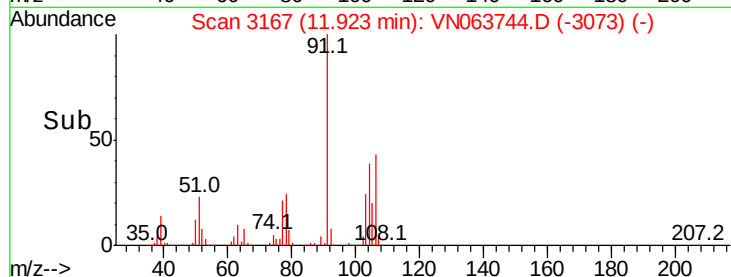
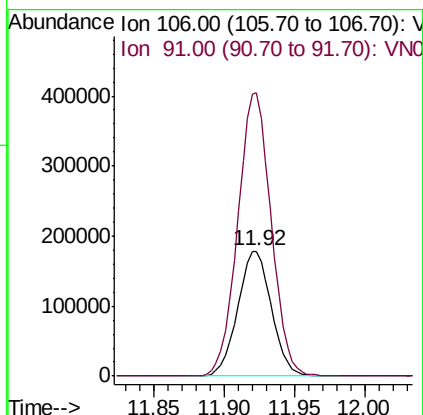
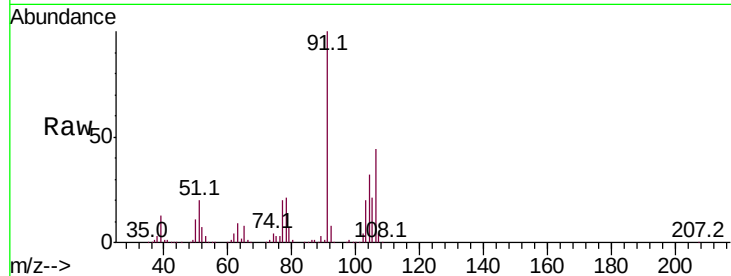




#69
o-Xylene
Concen: 51.226 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

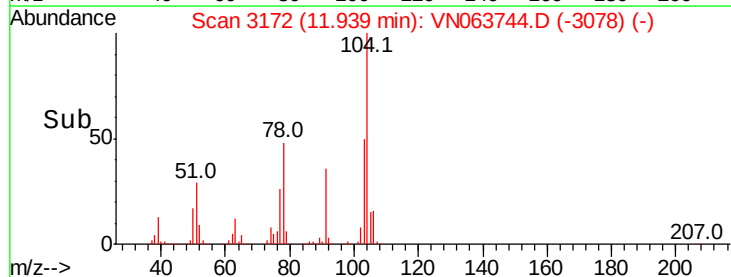
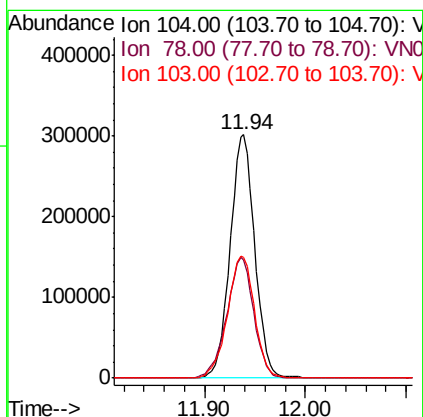
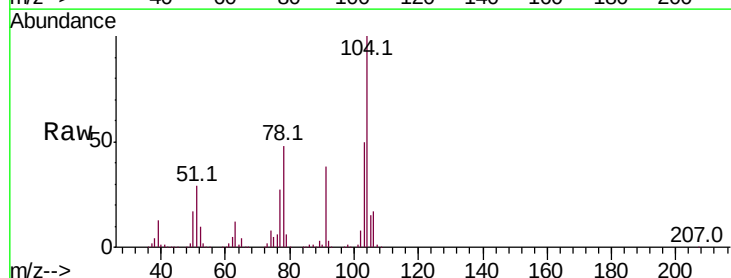
Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

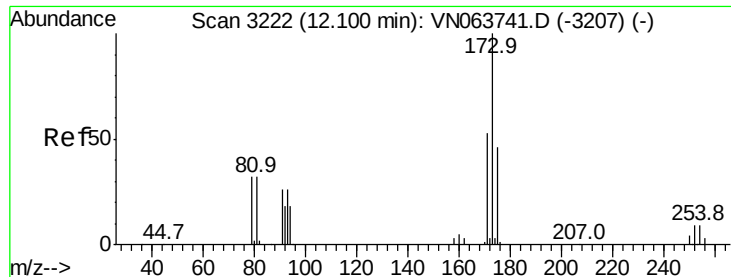
Tot Ion:106 Resp: 299098
Ion Ratio Lower Upper
106 100
91 224.7 112.7 338.0



#70
Styrene
Concen: 51.851 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion:104 Resp: 513900
Ion Ratio Lower Upper
104 100
78 54.1 44.1 66.1
103 55.0 44.3 66.5





#71

Bromoform

Concen: 49.121 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

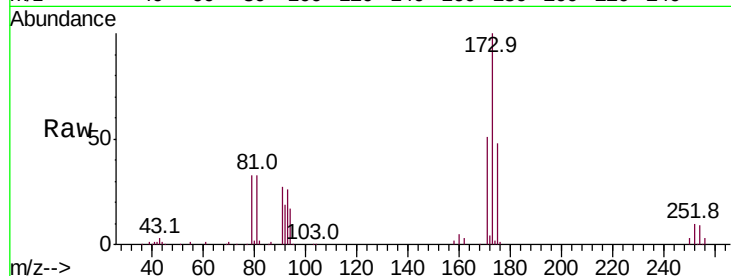
Tot Ion:173 Resp: 132667

Ion Ratio Lower Upper

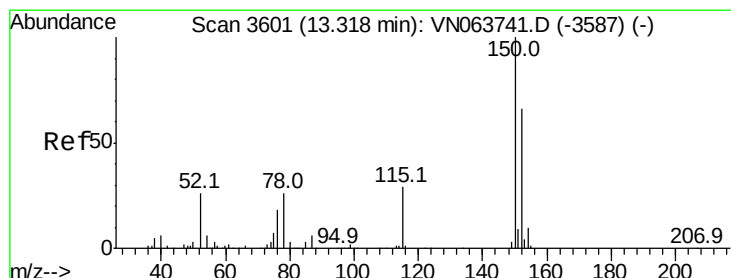
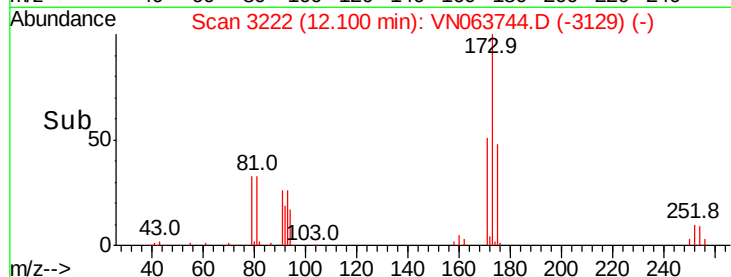
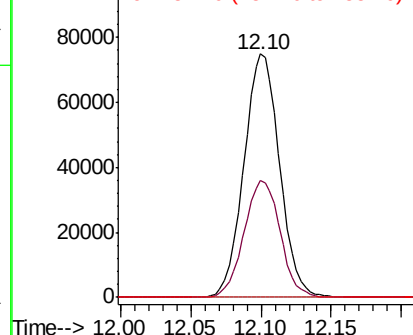
173 100

175 48.4 23.5 70.5

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

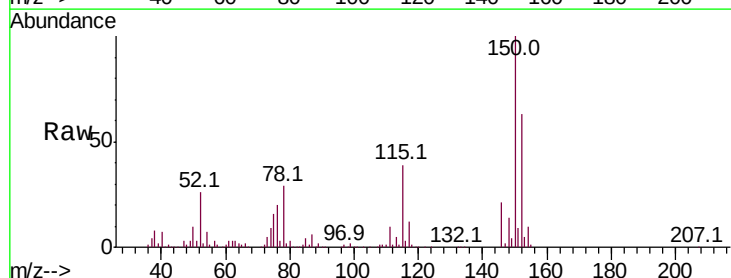
Tgt Ion:152 Resp: 222848

Ion Ratio Lower Upper

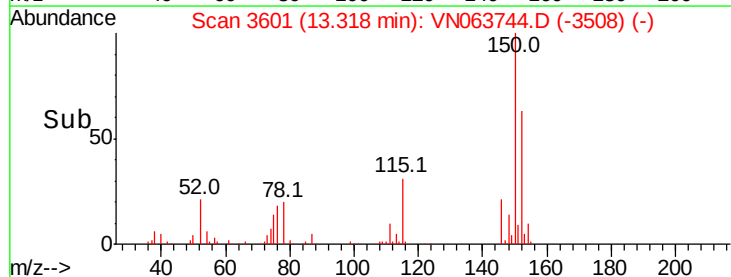
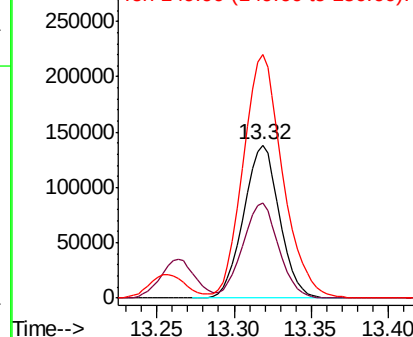
152 100

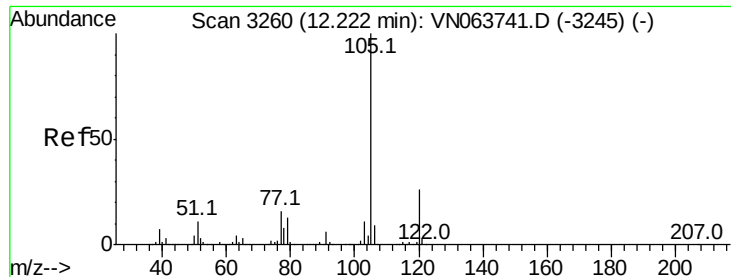
115 62.9 31.3 93.8

150 174.9 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.320 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

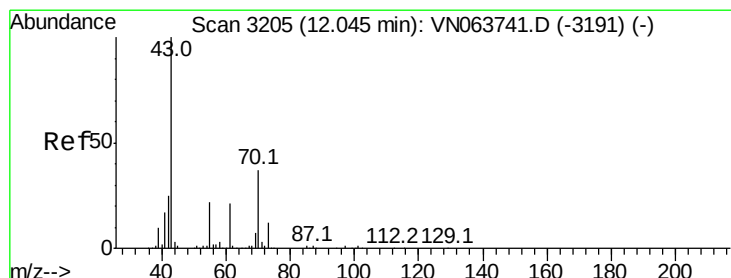
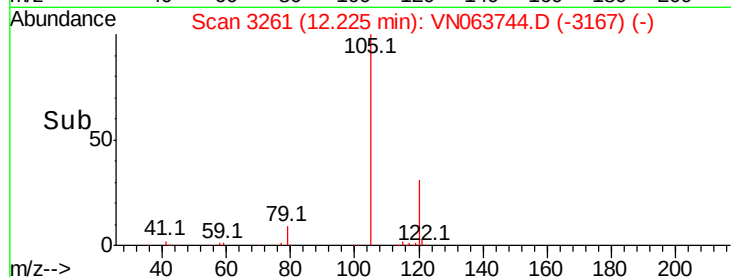
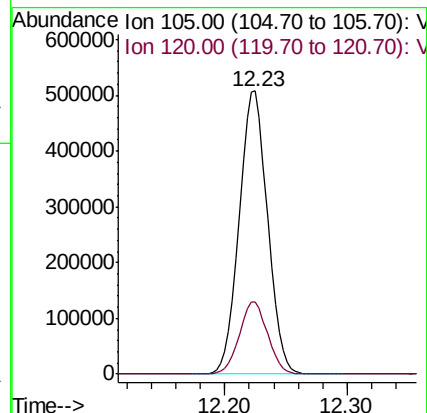
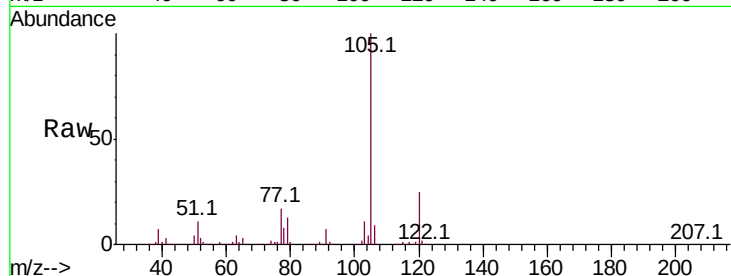
ICVVN093020

Tot Ion:105 Resp: 817927

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 48.535 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion: 43 Resp: 366157

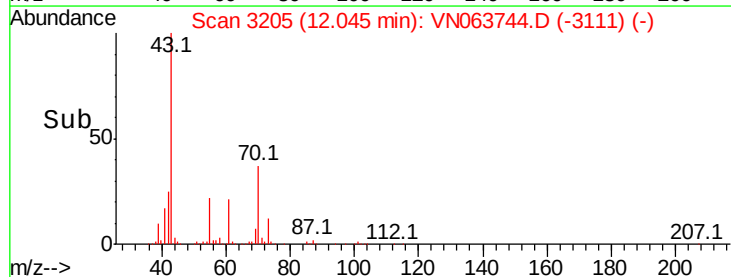
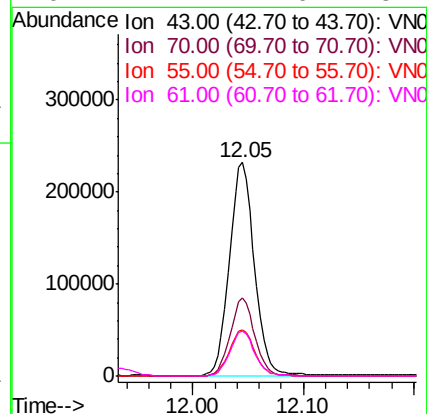
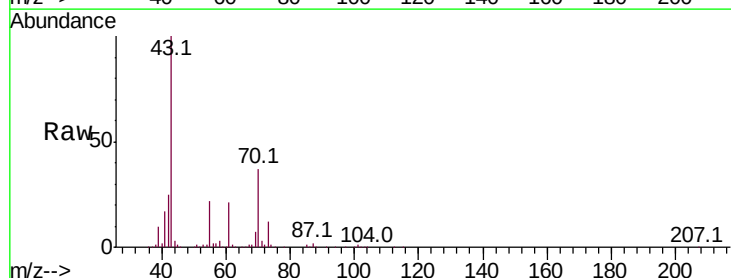
Ion Ratio Lower Upper

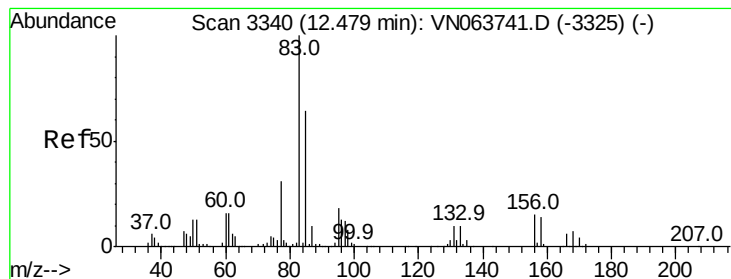
43 100

70 35.6 29.8 44.8

55 22.0 17.9 26.9

61 21.1 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.442 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

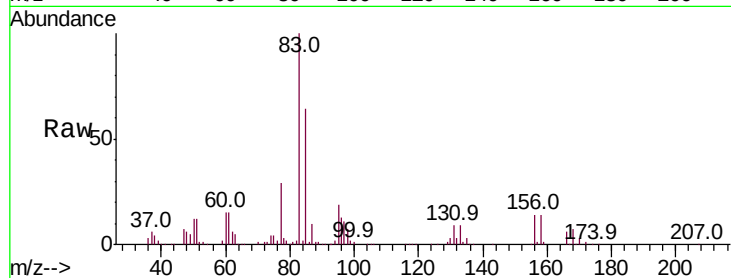
Tot Ion: 83 Resp: 240777

Ion Ratio Lower Upper

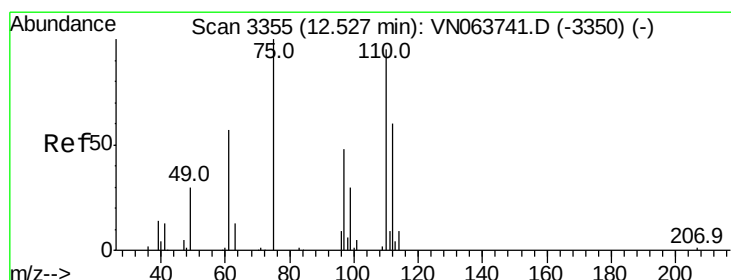
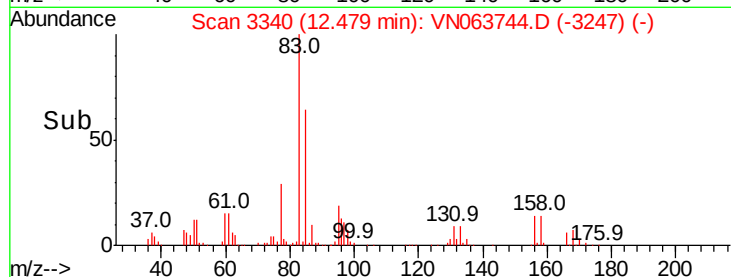
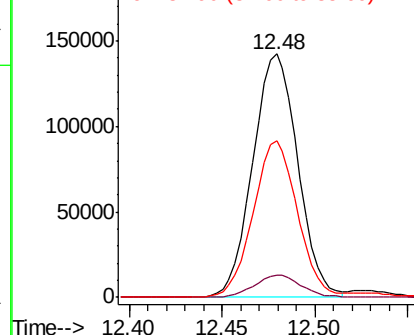
83 100

131 9.5 5.3 15.8

85 63.1 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN0
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 68.701 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063744.D

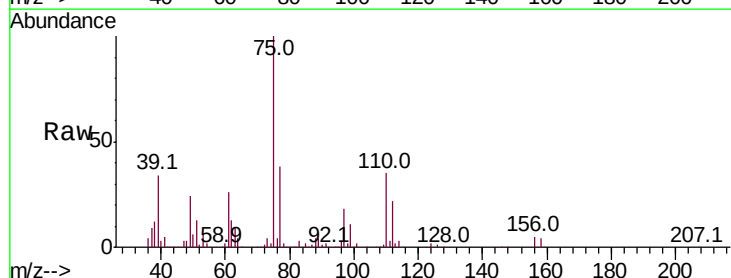
Acq: 30 Sep 2020 12:50

Tgt Ion: 75 Resp: 337490

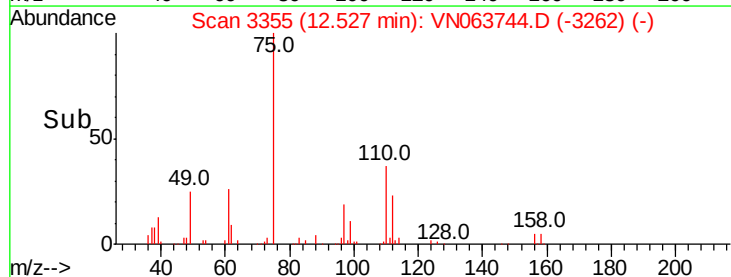
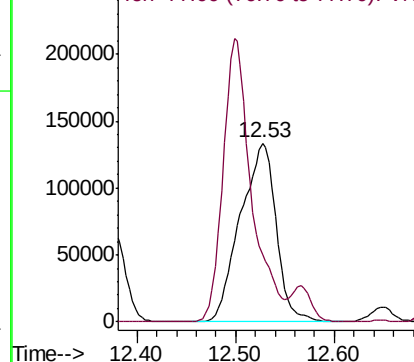
Ion Ratio Lower Upper

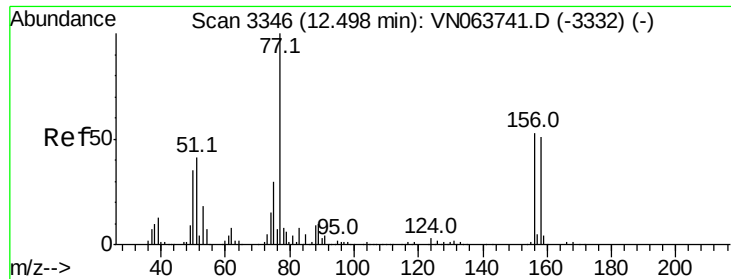
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.072 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

ICVVN093020

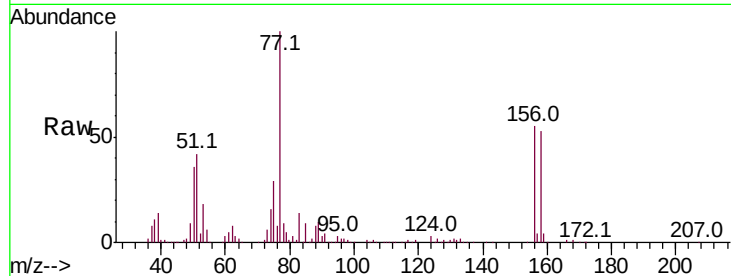
Tot Ion:156 Resp: 195721

Ion Ratio Lower Upper

156 100

77 219.3 110.9 332.7

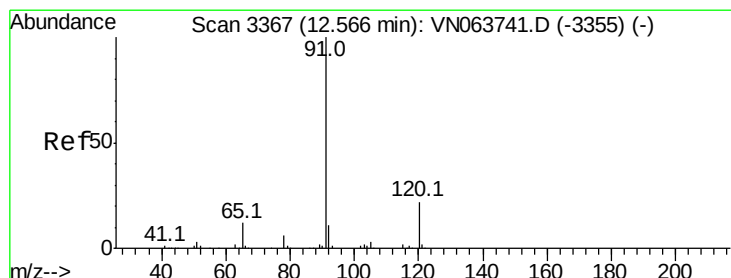
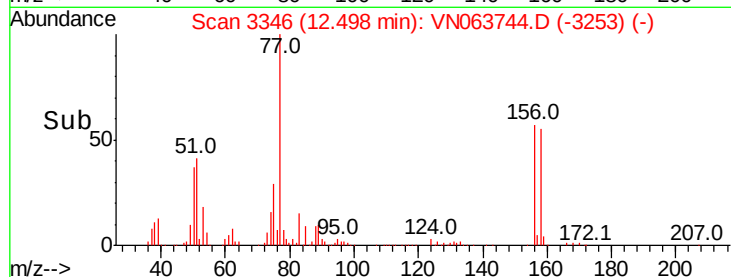
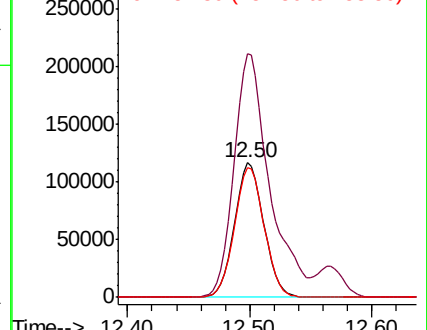
158 97.6 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.436 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063744.D

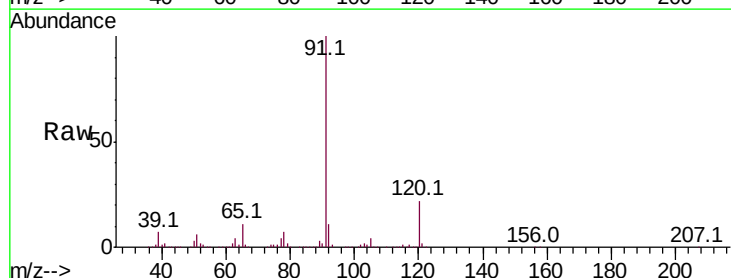
Acq: 30 Sep 2020 12:50

Tgt Ion: 91 Resp: 954093

Ion Ratio Lower Upper

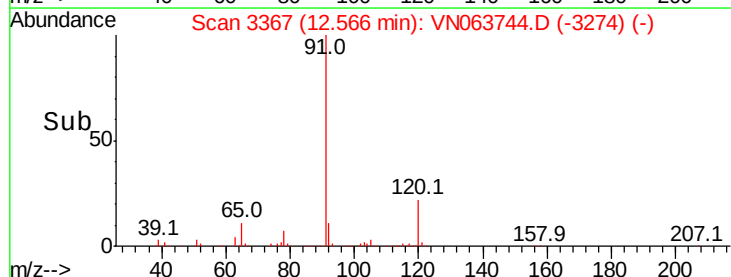
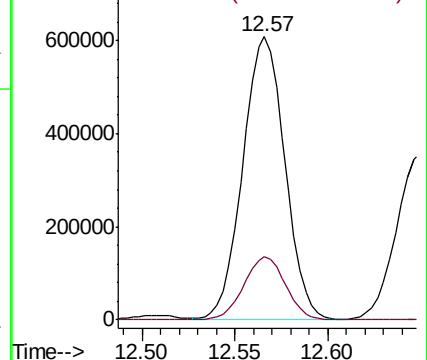
91 100

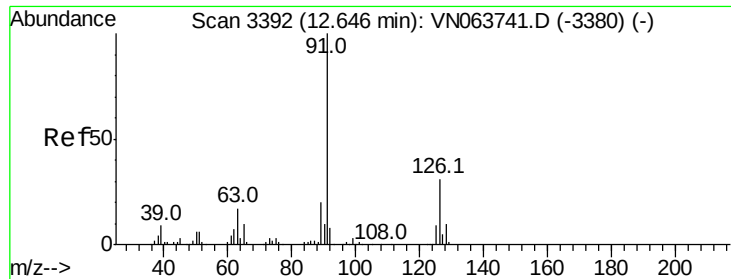
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.798 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

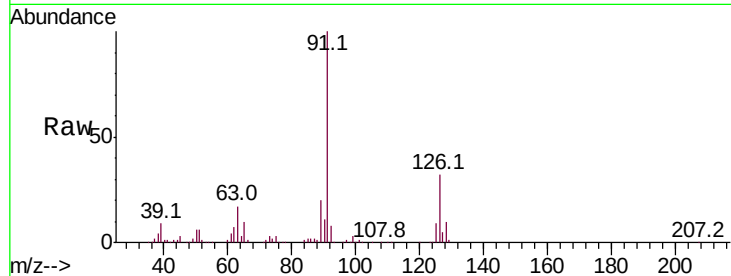
ICVVN093020

Tot Ion: 91 Resp: 567726

Ion Ratio Lower Upper

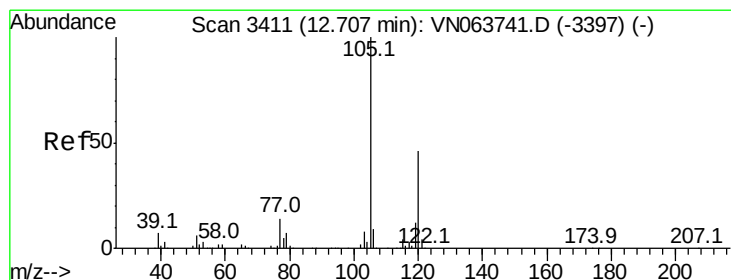
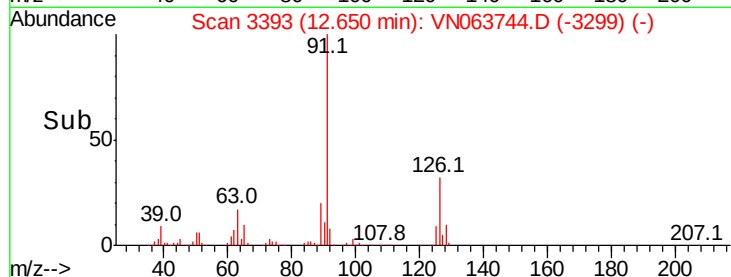
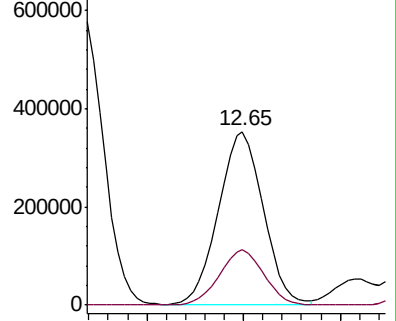
91 100

126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.324 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063744.D

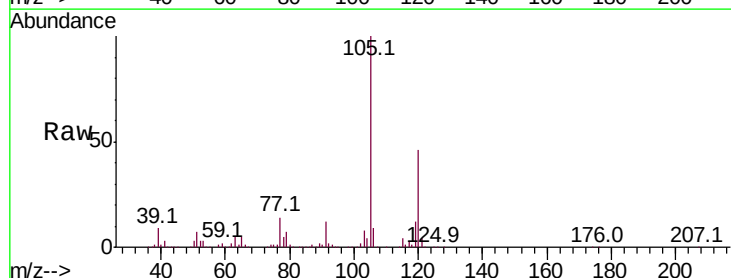
Acq: 30 Sep 2020 12:50

Tgt Ion:105 Resp: 699886

Ion Ratio Lower Upper

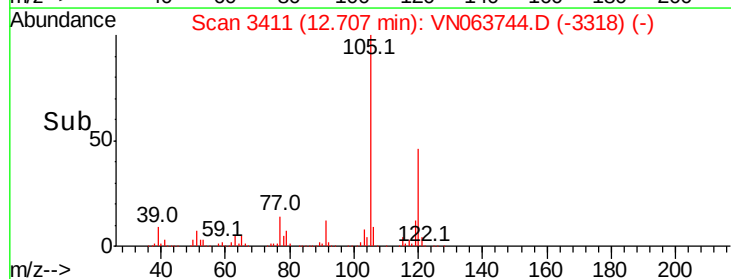
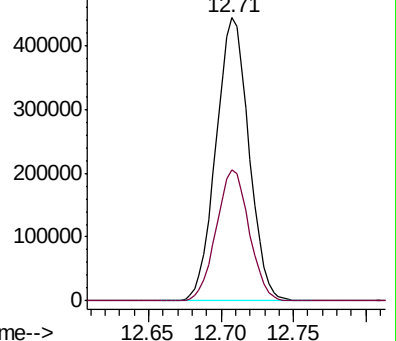
105 100

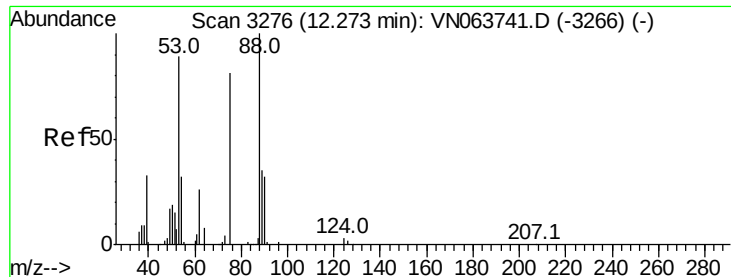
120 46.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.582 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

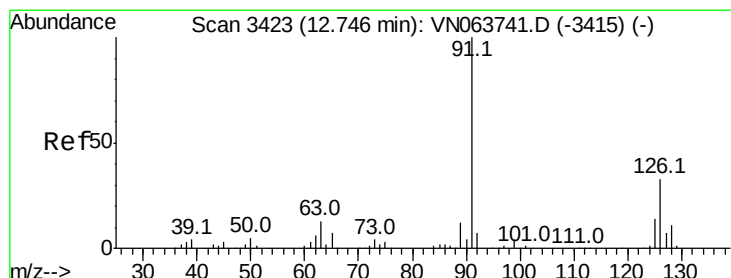
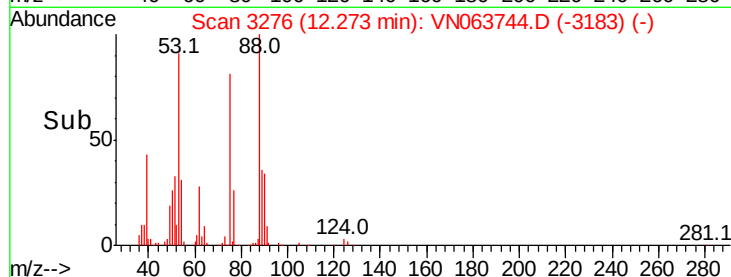
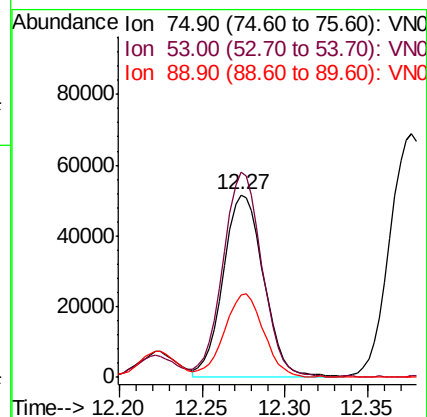
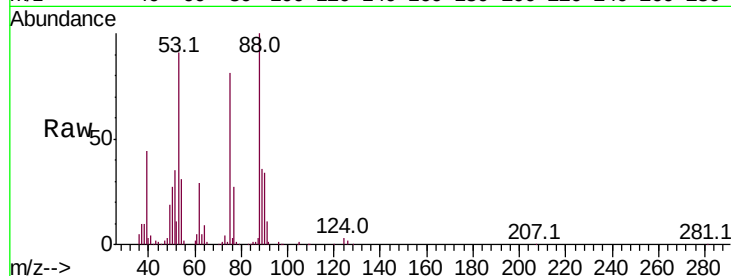
Tot Ion: 75 Resp: 87979

Ion Ratio Lower Upper

75 100

53 108.0 88.2 132.2

89 43.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.087 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063744.D

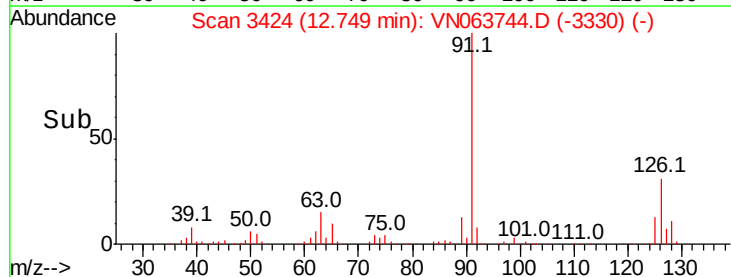
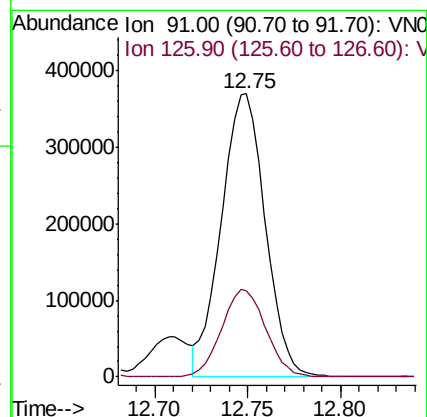
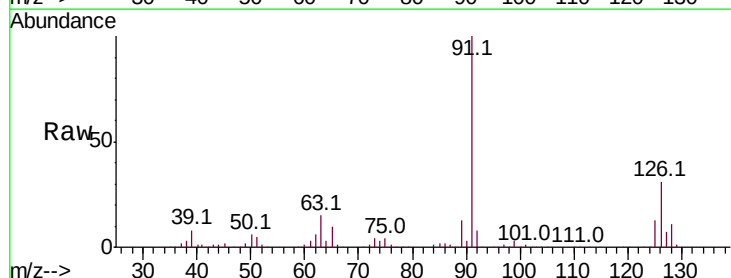
Acq: 30 Sep 2020 12:50

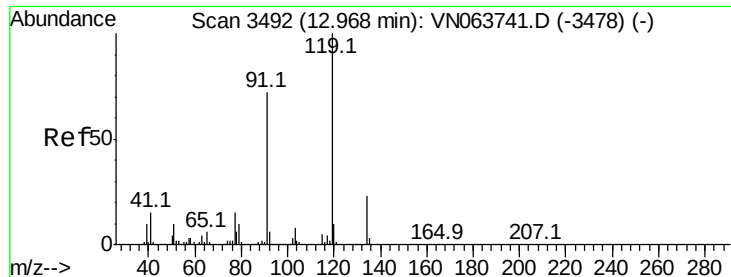
Tgt Ion: 91 Resp: 604926

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.2

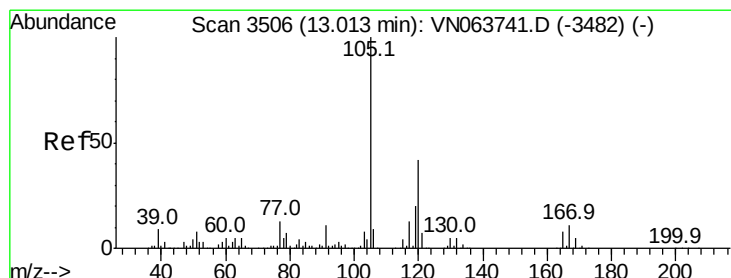
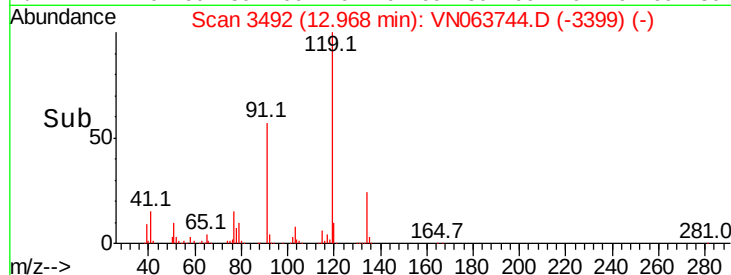
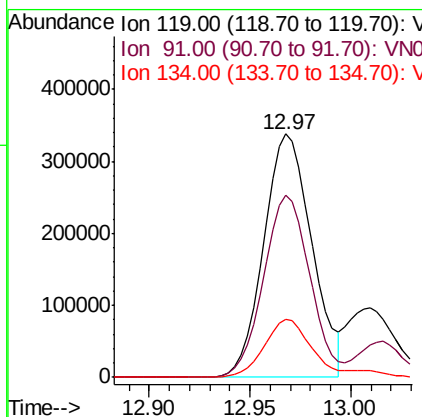
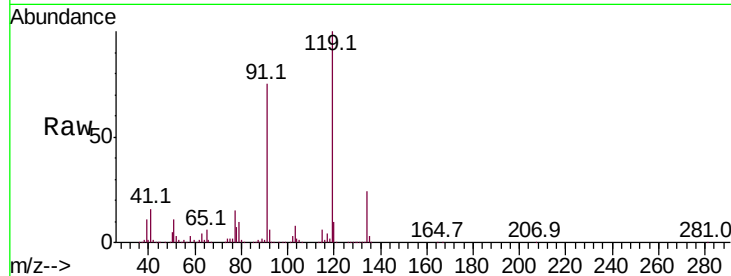




#83
 tert-Butylbenzene
 Concen: 50.341 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

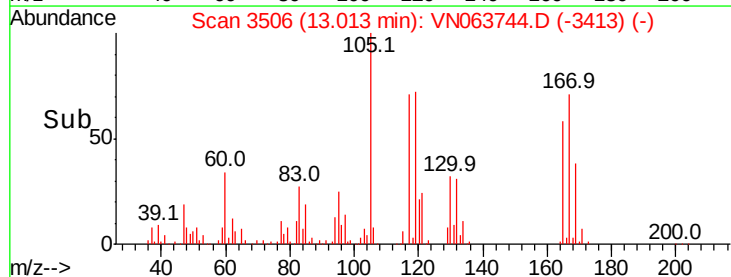
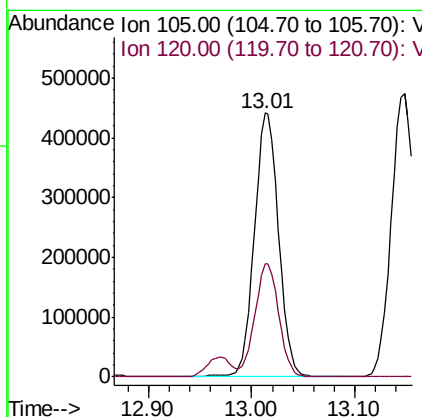
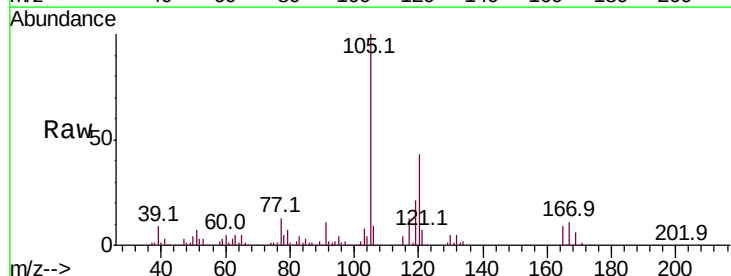
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

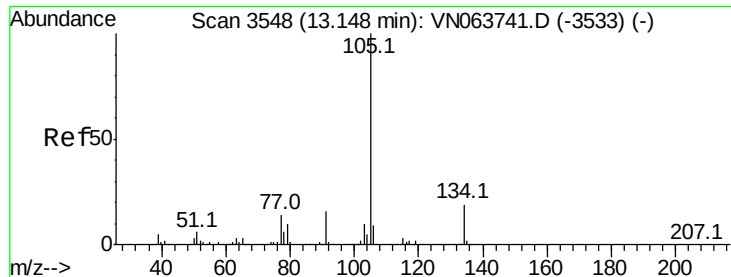
Tot Ion:119 Resp: 561527
 Ion Ratio Lower Upper
 119 100
 91 72.1 35.5 106.5
 134 23.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.569 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion:105 Resp: 715722
 Ion Ratio Lower Upper
 105 100
 120 42.2 20.9 62.7





#85

sec-Butylbenzene

Concen: 51.505 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

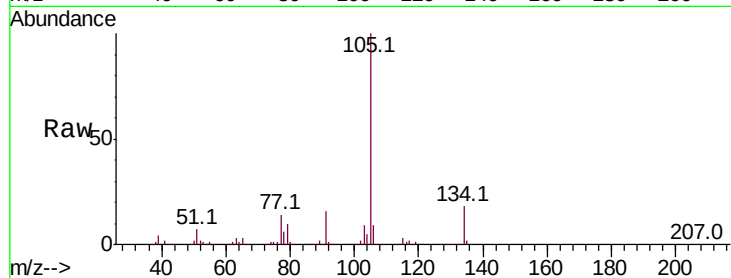
ICVVN093020

Tot Ion:105 Resp: 754584

Ion Ratio Lower Upper

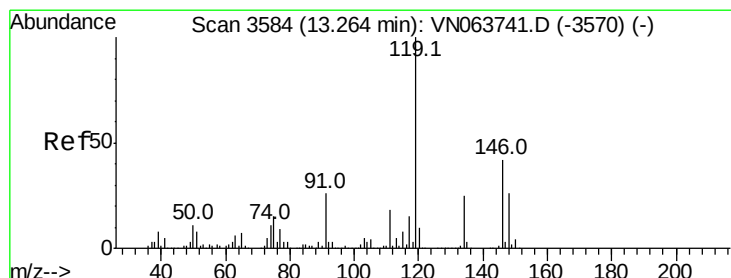
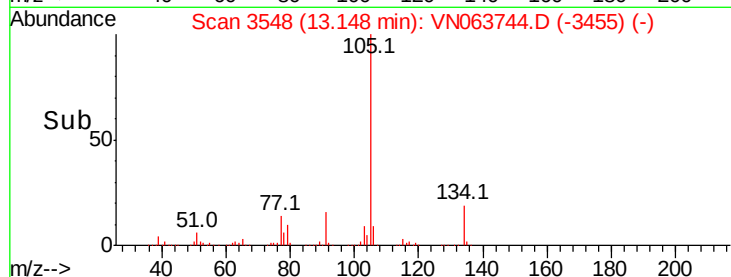
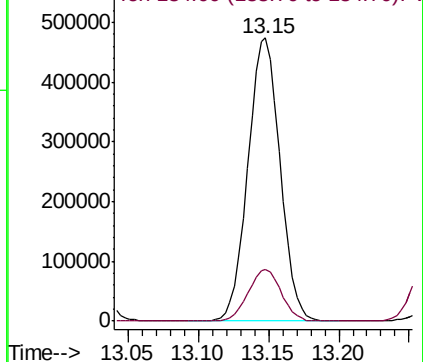
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.335 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

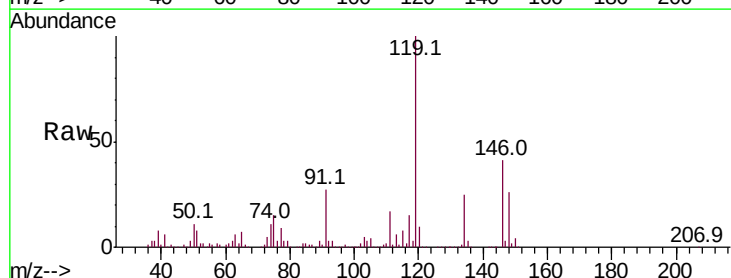
Tgt Ion:119 Resp: 678308

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

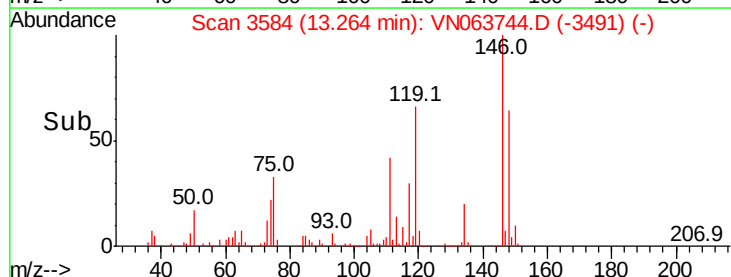
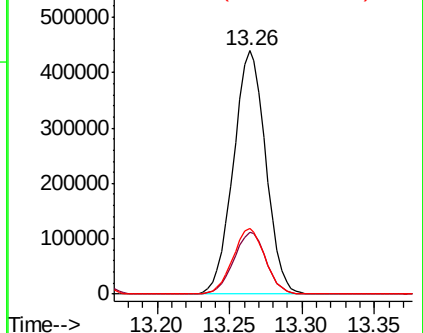
91 26.9 13.4 40.2

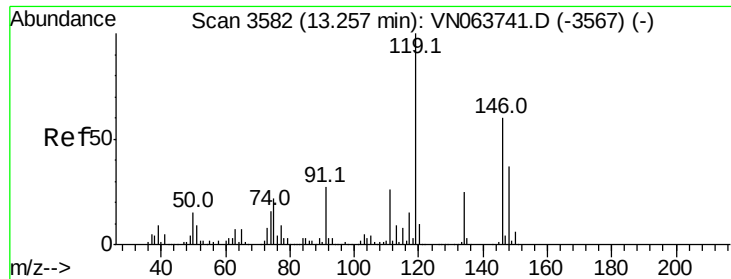


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

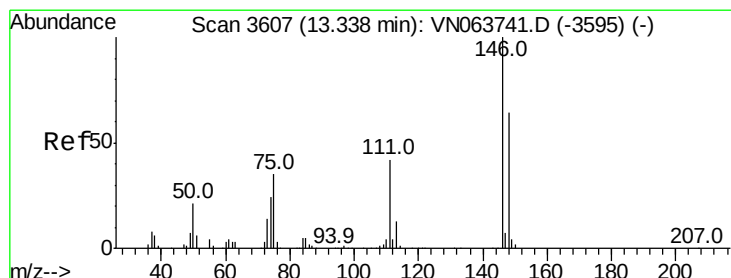
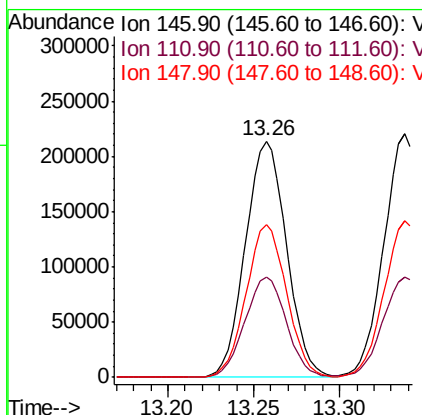
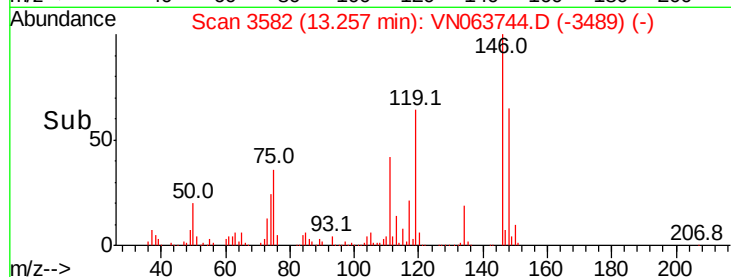
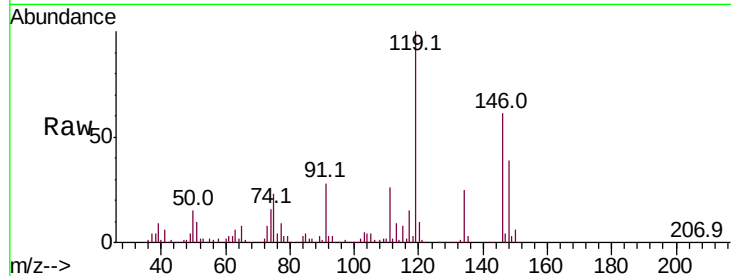




#87
 1,3-Dichlorobenzene
 Concen: 49.325 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

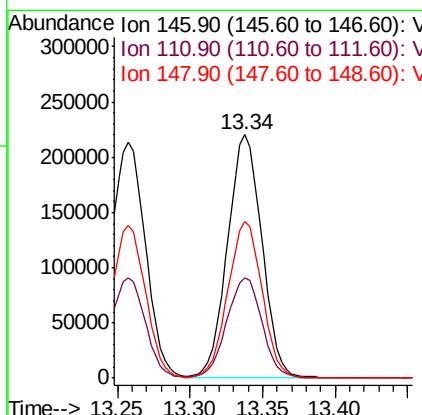
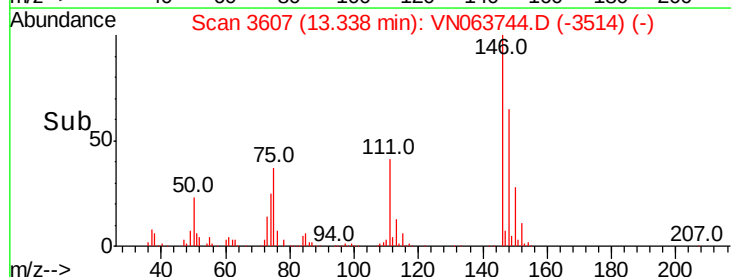
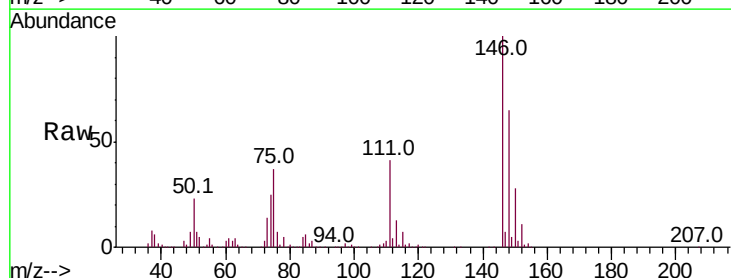
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

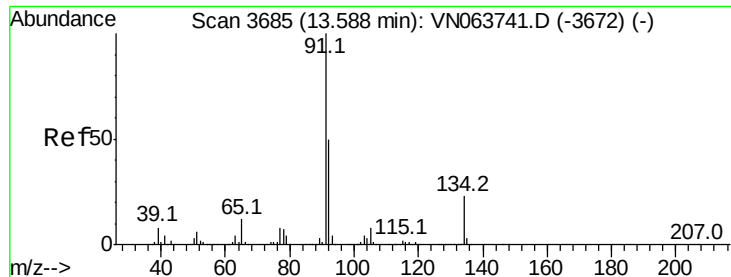
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	63.5	31.1	93.3



#88
 1,4-Dichlorobenzene
 Concen: 48.218 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	64.1	32.0	96.0

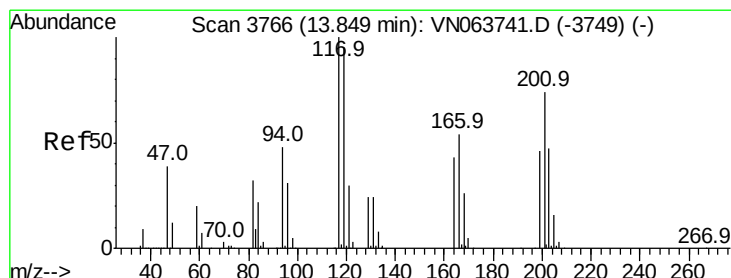
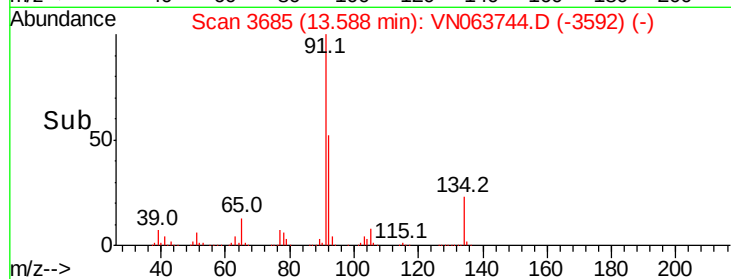
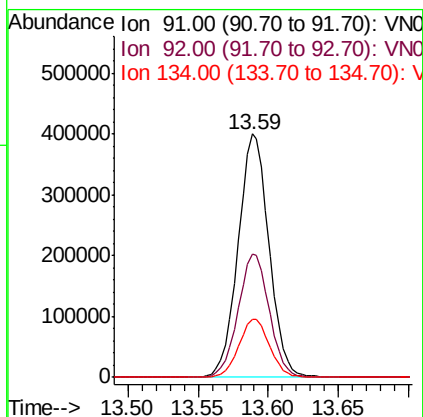
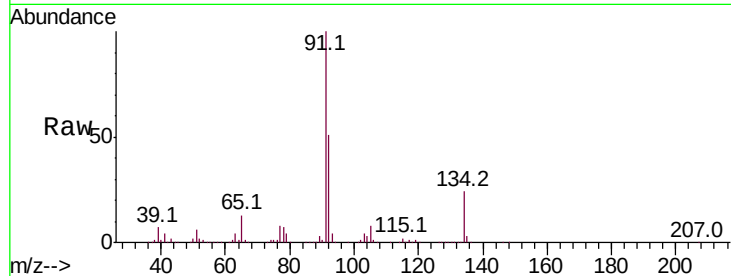




#89
n-Butylbenzene
Concen: 51.418 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

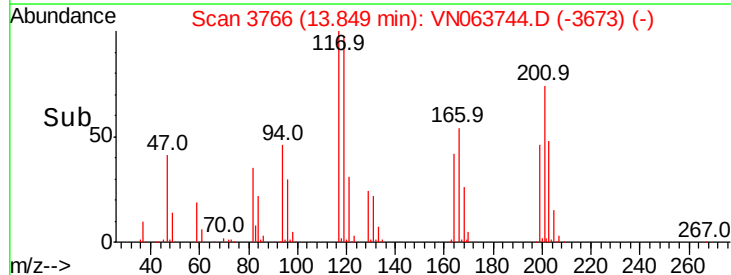
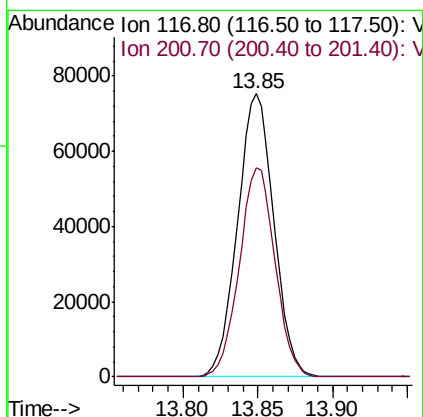
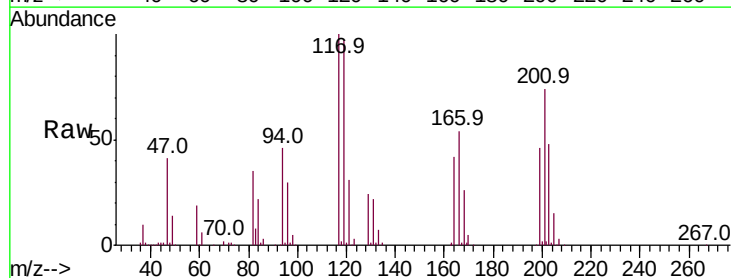
Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

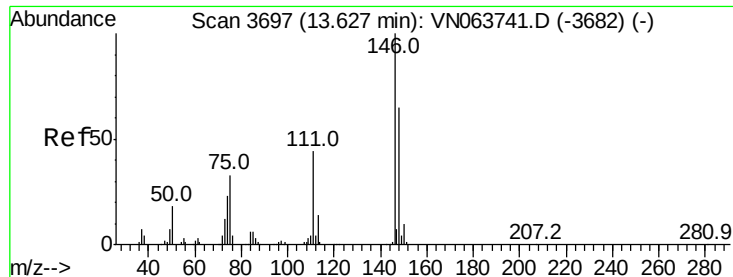
Tot Ion: 91 Resp: 615076
Ion Ratio Lower Upper
91 100
92 50.8 25.4 76.4
134 23.8 11.7 35.1



#90
Hexachloroethane
Concen: 50.533 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion: 117 Resp: 126913
Ion Ratio Lower Upper
117 100
201 72.9 36.0 108.0

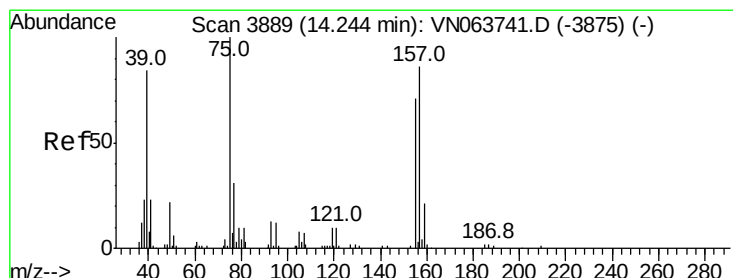
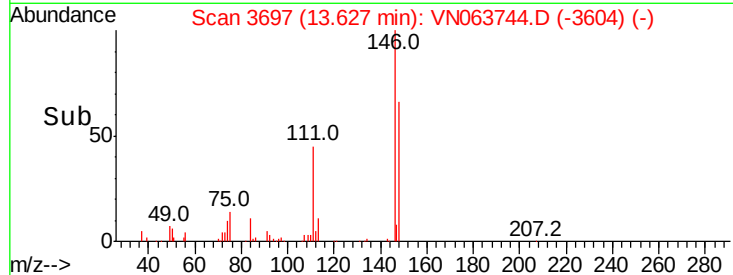
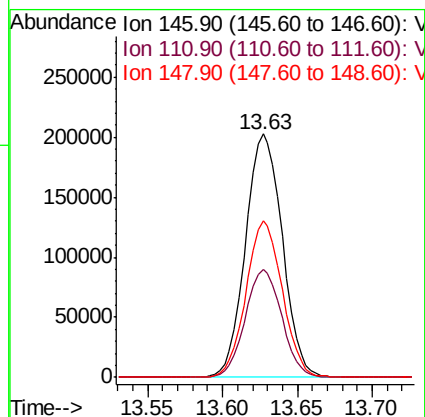
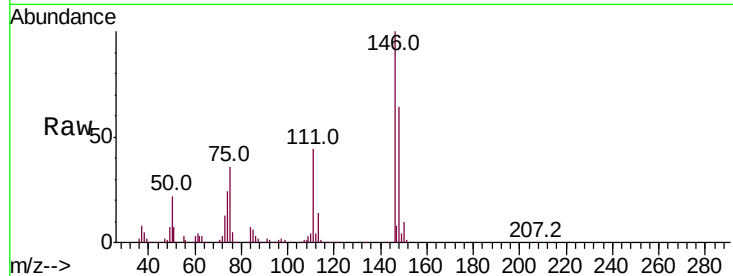




#91
 1,2-Dichlorobenzene
 Concen: 48.756 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

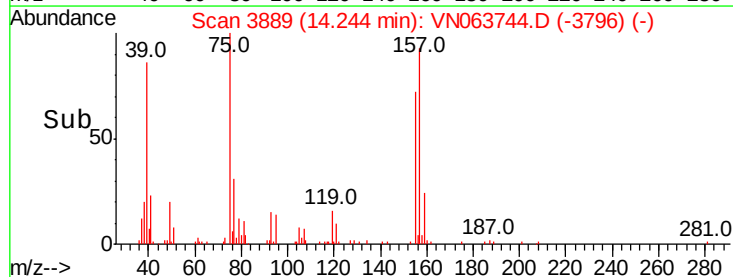
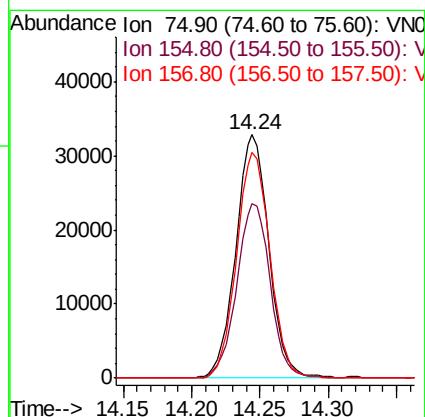
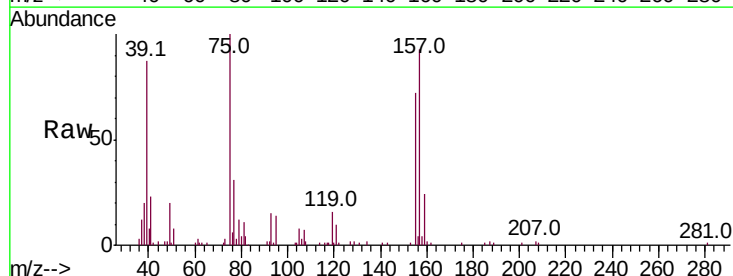
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN093020

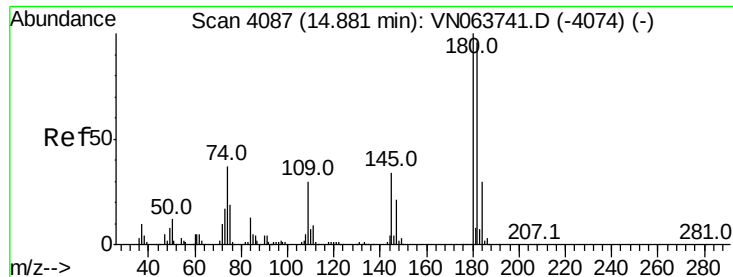
Tot Ion:146 Resp: 348452
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.2 66.6
 148 63.4 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.406 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 75 Resp: 55259
 Ion Ratio Lower Upper
 75 100
 155 72.5 34.8 104.5
 157 93.4 43.7 131.1

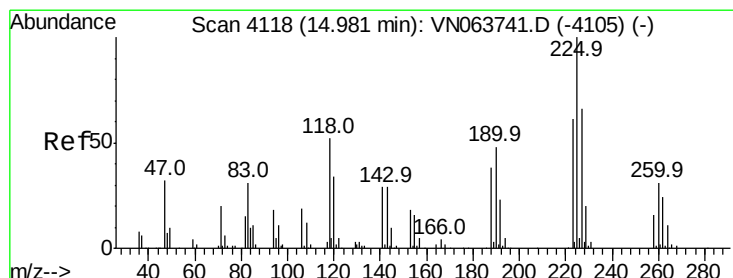
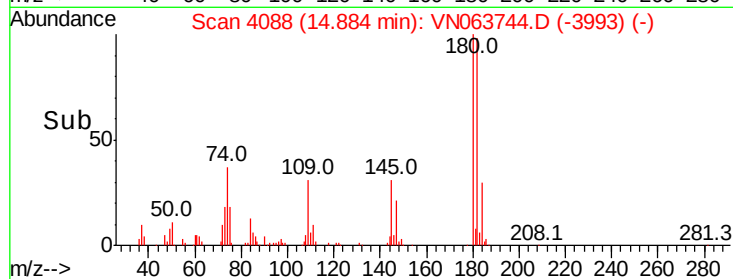
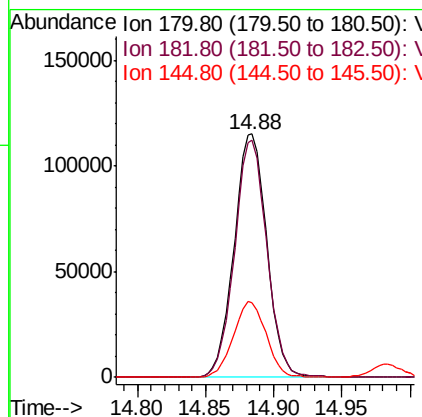
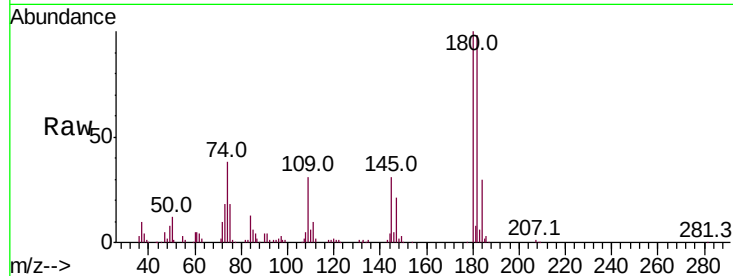




#93
 1,2,4-Trichlorobenzene
 Concen: 49.451 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

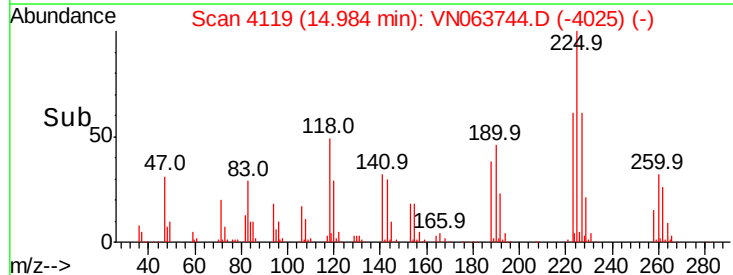
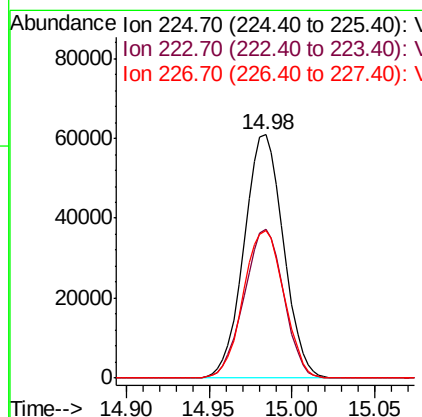
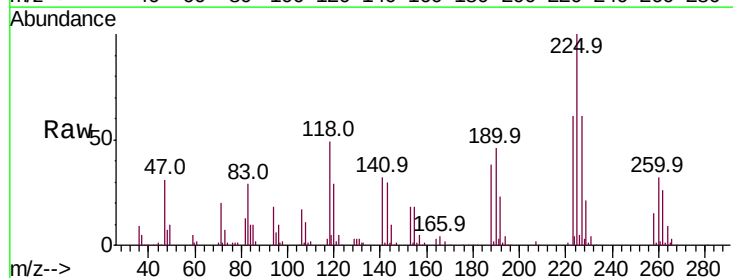
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

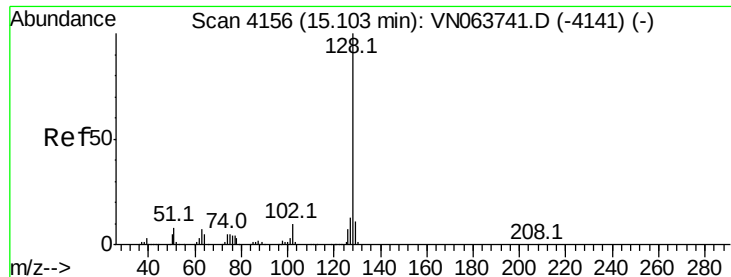
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.2	144.6
145	31.2	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 51.959 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.3	91.0
227	62.6	31.9	95.5





#95

Naphthalene

Concen: 47.735 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

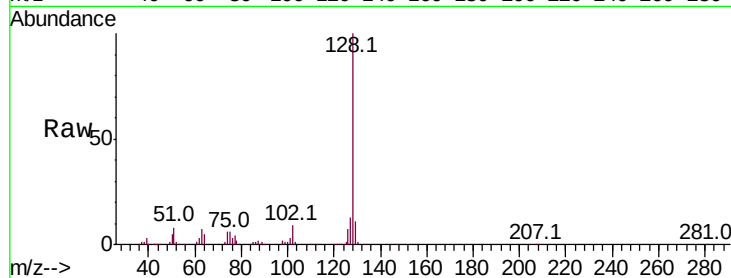
Tot Ion:128 Resp: 572894

Ion Ratio Lower Upper

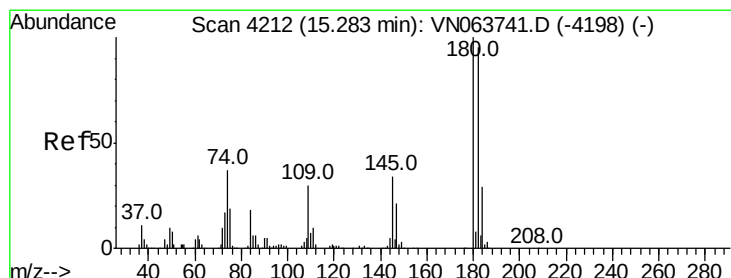
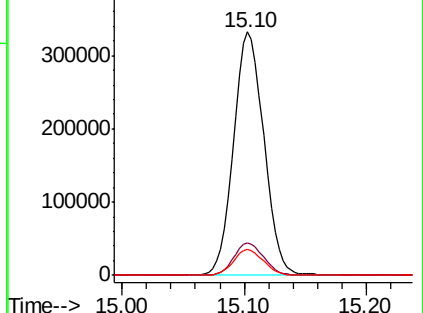
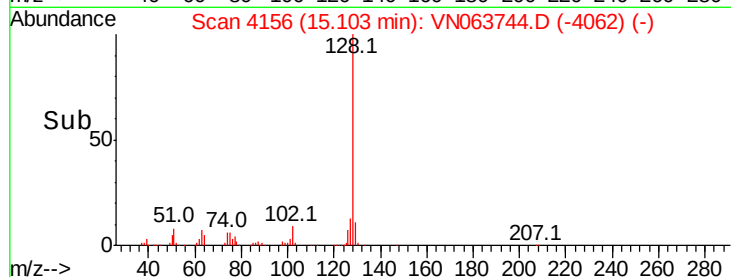
128 100

127 13.3 10.5 15.7

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.576 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

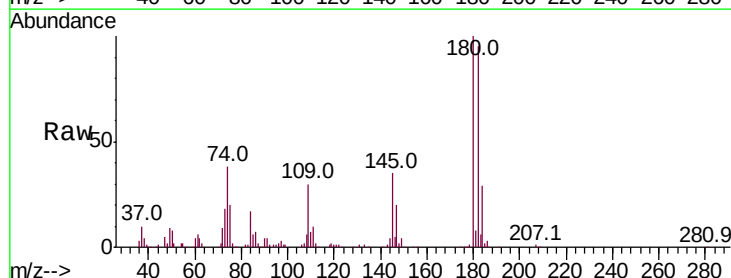
Tgt Ion:180 Resp: 182918

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.6

145 34.1 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

